

27364	92836	89428	81268	14982	36498	32784	31277
40932	70987	32123	49817	26346	81287	65491	87364
75654	55656	12737	72727	72727	91918	63473	67867
87629	37677	32612	53498	71296	28756	18276	98716
76329	74698	76857	98670	27601	56701	57601	73648
87364	87265	96710	27630	12673	84769	28743	98127
63298	75698	27465	87326	49876	28376	81273	98615
87432	74328	78674	29867	32867	67867	86786	43286
68768	68763	34234	34238	68768	62342	48273	48768
98432	32432	86743	43286	43286	43286	43286	43286
86743	86743	39867	32867	86743	43286	43286	43243
86743	86743	86743	86743	86743	86743	86743	86743
98798	98754	98754	98754	98754	29867	67543	67986
87698	69876	87698	69876	87612	12341	34867	86798
43298	65656	56756	56123	32143	14321	32143	14321
58765	58765	58765	58765	58765	58765	58765	58765

Numbers & Oddities

a.k.a. The Spooks Newsletter

Edition #306, March 2023

Editor: Ary Boender email: udxf@udxf.nl
 Numbers & Oddities <http://www.numbersoddities.nl>

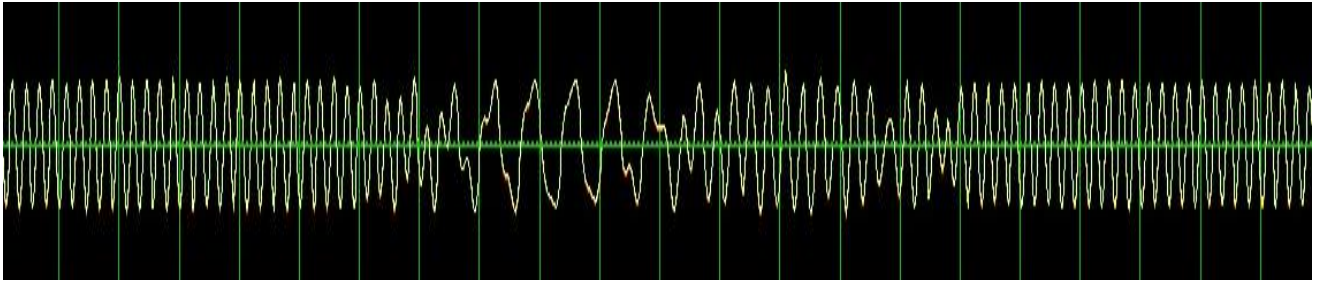
"Numbers & Oddities" a.k.a. the "Spooks Newsletter" is a newsletter for the members of the Utility DXers Forum (UDXF), the Spooks mailing list, HF Underground and everyone else who is interested in Numbers Stations.

"Numbers & Oddities" covers the fascinating world of Numbers Stations and other odd radio signals on shortwave.

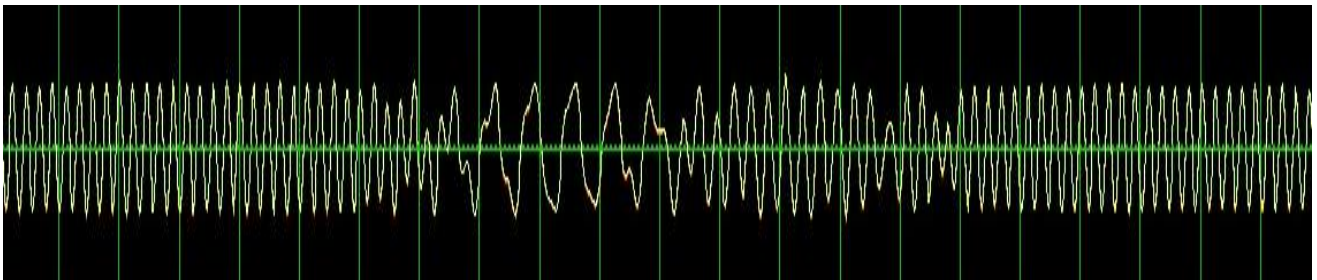


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ATTACHEMENT: M76 BREAK TO 3 FIGURES	



FOREWORD

We heard lots of Russian intelligence exercise and test traffic in March, You will find the transcripts in the various chapters and the logs of course in the Logs Section.

M23 was active throughout the month as was M76. The latter has an interesting format but for me it's often difficult to hear and the transmissions last between 30 and 60 minutes. I have included many transcripts this time but I am pretty sure that I won't listen that much in April.

We have no Russian military transcripts this time, although we received tons of logs, we had the strong feeling that the source was not reliable. We do however have some North Korean and Chinese military transcripts.

We all know the interference of the pesky radars. David L. Wilson wrote a presentation about them. Included are CODAR, DISS, SuperDARN, VIPIR, ROTHr and associated ionosondes. The pdf and the associated recordings can be found on the UDXF website.

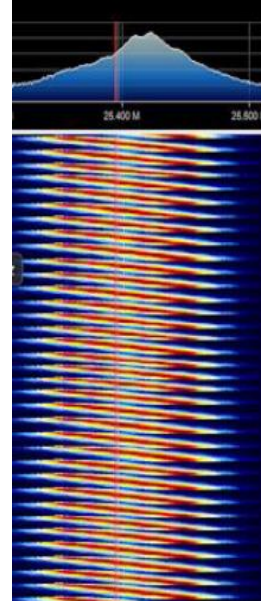
[HF Radar](#)

[HF Radar recordings](#)

Other interesting documentation about radars:

[Radar Tutorial](#)

[Radar Systems by DK2QM](#)



VOICE STATIONS

E06

16230/19325 kHz, 02-03/03-03, 0600/0700 UTC

864 109 52
99261 11421 29073 51347 06436 93772 81353 55879 47398 03278
18264 16961 83393 75921 43540 47279 22941 54761 49785 71456
72144 60232 63761 21216 54242 06645 22619 85325 03082 88310
98288 00261 60208 83739 12192 92541 30258 51331 07478 08651
74328 15016 70965 93494 46040 63273 21979 03342 99946 09964
10268 64162
109 52 00000

16230/19325 kHz, 16-03/17-03, 0600/0700 UTC

864 132 50
64978 66934 68267 15348 90941 86244 54394 04305 79676 10642
86144 42626 22950 54403 87117 84417 46889 00870 12577 73733
85509 63845 25167 66946 11374 34635 98870 96243 71815 56917
62112 28921 04170 96635 15968 02167 28439 99093 88403 38024
40846 50454 10497 68211 56693 85808 25554 23495 75989 11024
132 50 00000

10755/9073 kHz, 04-03, 1300/1330 UTC

12093/10212 kHz, 05-03, 0930/1000 UTC

480 561 44
78430 31192 49124 23068 95405 58261 82515 27048 56151 54890
39941 74423 34229 30007 61753 37546 19795 69197 29868 40529
18027 92425 68208 21206 48133 98220 41359 58310 86475 50996
73201 71458 72797 15128 28810 62853 29344 45434 04714 58814
36804 26660 57159 43347
561 44 00000

10755/9073 kHz, 11-03, 1300/1330 UTC
12093/10212 kHz, 12-03, 0930/1000 UTC

480 615 42
70589 82923 26824 89765 58148 80068 26130 49585 12374 52666
98472 56009 61612 32882 66922 09444 32084 68156 93716 75140
80939 82960 24283 85906 67011 92711 84220 02044 85796 79127
01365 91883 34722 11922 39634 27120 73397 67790 68444 71952
26964 64582
615 42 00000

10755/9073 kHz, 18-03, 1300/1330 UTC
12093/10212 kHz, 19-03, 0930/1000 UTC

480 216 45
26968 41395 63128 96786 40981 20337 35927 48027 34648 30416
48984 84605 62433 92695 18405 48811 46057 69549 98345 46084
51275 56631 32823 01662 61147 39116 81816 88102 52005 49441
82278 69397 10380 76271 14836 88731 73774 73536 63766 95243
28064 45881 72465 94685 14422
216 45 00000

10755/9073 kHz, 25-03, 1300/1330 UTC
12093/10212 kHz, 26-03, 0930/1000 UTC

480 672 41
37428 93523 64082 66656 82322 41345 47287 45244 79990 55125
53932 84261 81065 15116 11647 59750 38171 67320 81254 14907
93502 03509 36186 95310 79960 07326 52160 18011 51109 63456
71343 84626 12319 77855 15874 69732 20702 50068 21427 56804
68700
672 41 00000

Group Count Cycle net

15726/13384 kHz, 02-03/03-03, 0300/0400 UTC

361 597 46
77068 90078 26558 65136 59201 61585 89776 16989 33867 95040
73209 92564 92005 27926 53199 93289 14249 05960 46113 14835
11670 50225 91343 76074 07546 89670 77460 93966 47912 17794
08429 95012 56327 36647 90783 68207 34391 12307 20301 94458
71767 93755 20200 56342 88736 94377
597 46 00000

15726/13384 kHz, 09-03, 0300/0400 UTC
10 March: no transmissions

361 802 47
42221 22950 76722 71361 74043 62927 49996 49877 53447 24440
27862 82159 55982 74583 29118 04860 01101 05821 51313 34844
90865 77996 49549 15847 60143 21376 29820 26164 16984 34094
47231 38457 85411 14864 63285 74971 25268 80937 29454 94106
08794 69759 89190 69262 58634 47753 15600
802 47 00000

15726/13384 kHz, 16-03/17-03, 0300/0400 UTC

361 957 48
09202 40315 72432 52110 52739 25876 60584 99590 48626 22252
49741 94559 33369 15283 60588 72849 23112 45617 71042 72454
24903 08823 35581 23939 57440 02868 41385 24908 92234 77651
74744 65766 51104 66272 96146 98922 20970 02722 47494 68642
71864 55692 39899 43731 89102 33182 95465 20240
957 48 00000

23 and 14 March: No transmissions

15726/13384 kHz, 30-03/31-03, 0300/0400 UTC

361 842 50
39600 18321 49779 86693 46151 26796 16352 68586 40897 27618
59351 95104 16561 48543 13231 91919 43463 26010 59377 36923
40925 80914 98727 92107 80411 53075 17858 02733 25099 17833
65708 49706 35564 33208 83145 66133 96257 91071 52534 53965
42484 70746 59531 61668 92544 18496 84261 08889 14746 01328
842 50 00000

6 and 7 March: no transmissions

11567/14578 kHz, 13-03, 0210/0310 UTC**11567/14568 kHz, 14-03, 0210/0310 UTC**

537 816 30
09130 76846 17429 53325 37603 07298 44001 27192 59122 11663
28886 62918 74228 69485 28963 15671 87645 23788 31384 56450
05511 35993 71956 82720 82317 89389 96193 42434 34754 27060
816 30 00000

11567/14568 kHz, 20-03/21-03, 0210/0310 UTC

537 420 31
41528 86377 44944 76023 80760 66810 12135 55351 85600 88557
91305 16977 90437 35640 37998 90717 79978 84700 75925 72664
97254 38761 34524 56648 19688 01311 88149 73997 76662 57917
32883
420 31 00000

11567/14568 kHz, 27-03/28-03, 0210/0310 UTC

537 169 32
49665 73768 76207 32700 35106 64185 06356 83819 42906 15660
83417 54213 53388 26166 54081 36369 99283 85806 76056 29854
08477 59274 74153 40426 93332 01230 60901 01906 53783 40519
01415 19235
169 32 00000

Exercises/tests

11073 kHz, 13-03, 1238 UTC. 1200Hz test tones then E06 "352" once

11073 kHz, 13-03, 1250 UTC

352 849 60
97003 78801 52178 37119 57692 92859 19993 85967 61669 65626
19222 14075 36912 89886 53319 11338 71064 69654 46353 92993
89801 55757 39583 76252 08730 49035 26413 48814 44754 00992
74165 71483 97862 66418 06103 82039 39251 87802 42149 92569
66742 16139 21731 97451 13418 97866 57190 34154 20415 82598
91203 64073 09825 31348 56632 65565 18617 29918 62265 56377
849 60 00000

12167 kHz, 24-03, 1300 UTC. Slow pace version

956 804 36
59267 44601 37775 03774 79866 72342 19976 34501 71823 99303
16235 50533 76379 94764 12255 49187 64582 08148 27841 71003
82815 14536 42195 63002 71235 83055 84524 54773 24204 70298
92619 62801 36397 12170 48661 95200
804 36 00000

E06b

16315/12128 kHz, 21-03, 1300/1400 UTC

16315/12103 kHz, 22-03, 1300/1500 UTC

695 695 695 29185

348 127

20429 61585 10251 07453 12035 85937 07107 79768 19128 83717

04136 75027 69015 39270 49080 84291 95827 47894 76527 93732

83487 98439 36836 58315 68219 61804 89893 79630 42090 84807

45876 61491 49681 62528 05207 74809 30506 79053 78960 20103

70286 40725 09610 51591 85460 06739 34517 13904 12824 62657

94205 69290 09637 19390 42892 63671 73130 47185 81515 35184

52786 31431 24641 49618 89178 40560 53475 13029 93912 75094

75281 56487 29306 34740 95267 75946 49485 69505 61858 65912

23852 05619 76592 48038 42574 09054 80412 51565 56869 26373

39180 82471 84310 90840 92373 24063 23139 08790 10935 86248

86475 76238 58156 75214 35379 93752 52460 94723 19529 85236

13292 74746 47861 10209 74929 43952 09020 85130 23912 36128

49297 58725 58435 96232 91593 21950 77745

348 127 00000

E07

16284/14854/13384 kHz, 1410/1430/1450 UTC

16284/14854/13384 kHz, 02-03/04-03, 1410/1430/1450 UTC

328 328 328 1 6085 79 6085 79

64221 64551 43082 74384 92292 86650 35970 30294 38507 66876

95506 23341 03216 08583 22085 88233 76843 20198 26853 18778

60888 67726 27776 24233 20070 89123 28204 81679 10347 23492

11360 49207 39270 53166 77692 56118 79913 88714 78891 45975

92958 88423 47748 32922 16947 99424 29572 73641 42184 00340

39060 34563 19869 45709 13906 61170 34727 58369 00023 47784

41686 73424 95736 97379 32434 73184 42616 12181 66565 04239

98496 04463 38246 38304 22607 79794 72610 15423 64118 000 000

16284/14854/13384 kHz, 16-03/18-03, 1410/1430/1450 UTC

16-03, 1410 UTC. Restart during the intro

328 328 328 1 3868 61 3868 61

48215 19406 48731 56389 29275 80535 27512 27396 68723 28659

89775 47242 61408 74463 12251 34019 78862 79440 14205 88430

77660 85293 19517 39785 44251 05247 05295 28006 12917 11114

86935 85740 93475 41428 89020 58995 73073 14241 55688 63127

45072 69454 86409 67901 35567 24660 55727 93457 32895 24806

67829 57768 04347 78338 65512 56291 63382 16960 16408 35950

55857 000 000

16284 kHz, 30-03, 1410 UTC. 328 3 off, restart

14854/13384 kHz, 30-03, 1450 UTC

328 328 328 1 136 88 136 88

45344 90036 33939 35974 58849 46154 38283 69486 32329 80576

69596 48699 22880 98123 40503 73550 20119 36509 07155 33382

55499 06210 24508 07540 26296 06134 10980 75150 53409 27069

62862 09679 64222 01882 82537 00116 62670 30563 05774 67719

39554 61625 62640 70140 87564 32616 57768 09328 13300 58415

24758 85277 32254 67278 17710 76105 21965 48134 33989 06587

38531 95414 55847 73647 63093 18123 32786 78572 39722 62717

28950 32967 84091 88090 55100 27634 70065 24692 72219 38606

27791 79944 57301 76387 91683 26493 24255 03762 000 000

14571/15851/17451 kHz, 07-03/10-03, 1500/1520/1540 UTC

584 584 584 1 9071 64 9071 64
23452 99522 35136 16788 28961 18296 38597 29639 63183 14756
37475 44758 07731 96745 39302 05099 36124 85305 40346 90975
37802 04312 23559 39087 01365 86752 08701 31011 33613 02700
66200 05367 91265 50171 84214 37098 83304 59005 74922 41375
73980 44727 45077 41244 46812 21439 49374 37457 39378 86986
18946 74927 92801 23835 77917 28910 18753 43255 40976 08518
80496 60030 88373 62654 000 000

14571/15851/17451 kHz, 21-03/24-03, 1500/1520/1540 UTC

584 584 584 1 7584 118 7584 115
26790 87522 57285 10876 19942 99842 30663 00482 79689 22471
93292 92991 66769 56081 23393 96516 17064 25404 13201 78047
55057 17503 68149 98815 57702 13652 84012 10104 17033 26027
59244 49718 27070 88162 32213 77387 47509 90156 53474 95905
56790 09977 24124 66462 48677 22338 15561 61042 04272 22352
01388 29245 62490 82297 50487 18109 59136 63415 91253 47027
34475 10494 44163 69293 01206 41220 90658 99907 26266 57838
46874 87535 07333 58851 86132 33362 95758 09019 74432 94303
22096 78538 97439 60557 20154 09066 32182 66061 61941 37662
93979 26774 17703 95579 35179 40830 64533 37835 69703 91113
95309 26849 64369 36337 84763 20770 38931 70274 34039 00757
42891 76759 94907 95745 81344 87501 73688 63427 000 000

E11a

6940 kHz, 01-03/02-03, 0930 UTC

273/40 Attention
03089 51574 41662 37079 02662 54982 35522 81121 09454 80707
60501 21996 27490 61312 88731 10910 37623 02446 44793 99855
99151 52749 35710 38504 61066 45579 31022 97447 31360 35011
51501 03148 50824 48747 01810 68991 52075 49874 36402 58200
Attention (message repeated) Out

5941 kHz, 02-03/03-03, 0820 UTC

430/33 Attention
54291 99509 03226 98694 04678 27300 01654 04428 07926 15796
63457 68576 15011 40623 92138 71147 27746 97705 70982 50797
50089 79764 57283 92227 96557 32420 47790 84115 00313 59402
17905 50303 40027
Attention (message repeated) Out

8680 kHz, 03-03/05-03, 0600 UTC

350/32 Attention
78784 65667 26673 05382 96289 32791 27917 56630 21185 83845
54324 57094 80271 47536 52271 04592 29132 72426 92170 77774
16860 71237 34037 89313 72442 16413 47469 43548 36684 68689
76585 81954
Attention (message repeated) Out

8530 kHz, 03-03/05-03, 1910 UTC

616/36 Attention
55669 00848 53479 46457 30099 08071 66902 46022 92961 45826
84991 45000 06836 53708 28347 31200 50161 12080 12987 64176
10628 66002 55416 12836 41152 15445 61776 87916 42607 13351
54357 50685 12103 07643 52103 86495
Attention (message repeated) Out

14865 kHz, 06-03/08-03, 0645 UTC

940/23 Attention

53700 93269 10906 34786 57351 64222 25716 20287 76466 34337
50101 45978 27868 96882 32462 89388 65283 70418 06904 89386
67412 78906 68143

Attention (message repeated) Out

9968 kHz, 06-03/08-03, 0900 UTC

534/31 Attention

15597 86466 70966 41518 93039 89586 28334 54936 80653 77047
02426 52513 87275 49016 75673 50326 64506 75143 26548 66097
15205 83893 37715 07768 97397 71201 34031 24965 36235 74947
89060

Attention (message repeated) Out

10200 kHz, 06-03/08-03, 1045 UTC

691/32 Attention

57832 32753 25204 69932 15034 31041 45604 92174 46405 87160
39747 44510 03059 56429 17395 55740 75109 80100 32867 15351
87271 26129 60994 98429 04201 36584 31651 80721 74185 38506
05656 94411

Attention (message repeated) Out

13470 kHz, 06-03, 1745 UTC

242/36 Attention

61602 67786 64225 83556 02250 36838 08902 99248 55442 71080
71431 77249 58702 25036 00074 10207 00985 95653 89866 08312
43335 62449 55420 79006 59800 05298 78832 20361 66386 67502
21127 51812 52623 43459 44233 49647

Attention (message repeated) Out

7317 kHz, 06-03/09-03, 1900 UTC

646/35 Attention

70067 79892 32587 10705 52451 40959 20510 03557 07597 17051
02889 14469 87513 94280 86422 63105 73101 94084 01994 92952
49367 22536 40003 90122 34549 23050 09169 49206 27938 05471
39726 46342 11720 70839 52490

Attention (message repeated) Out

14865 kHz, 07-03/09-03, 0745 UTC

229/35 Attention

84430 75804 64839 43573 57803 45181 44858 85187 57863 97797
39748 00703 83353 11576 23762 41473 54375 94251 94008 58200
70493 67926 10537 76002 57836 06022 07699 98960 27556 16965
59838 14613 56956 26840 72843

Attention (message repeated) Out

6923 kHz, 08-03/10-03, 1715 UTC

977/34 Attention

44182 38985 24263 83861 20878 24879 12250 24901 13010 38967
48902 01747 69423 44687 77803 58279 64414 27116 08904 17101
51839 10138 46824 96531 23704 94862 23611 19551 77260 51847
67338 66368 02344 74024

Attention (message repeated) Out

11116 kHz, 10-03/12-03, 1815 UTC

926/32 Attention

20171 16672 51466 53822 93276 71881 51191 68092 25026 57468
85117 49013 73572 09753 23385 67183 53396 30932 32411 86926
09559 81486 66426 95973 71944 81889 09576 95116 41715 38070
48089 76949

Attention (message repeated) Out

13470 kHz, 12-03, 1745 UTC

242/36 Attention

61602 67786 64225 83556 02250 36838 08902 99248 55442 71080
71431 77249 58702 25036 00074 10207 00985 95654 89866 08312
43335 62449 55420 79006 59800 05298 78832 20361 66386 67502
21127 51812 52623 43459 44233 49647

Attention (message repeated) Out

10213 kHz, 13-03/16-02, 0745 UTC

264/35 Attention

95325 90873 68480 43572 32440 96448 47946 48205 23851 84260
45091 28166 74131 10937 77377 24827 27784 95163 91493 78448
86537 64323 85001 76225 90906 35238 11706 90928 47556 17409
94019 19292 51056 03347 19140

Attention (message repeated) Out

5371 kHz, 13-03/16-03, 1300 UTC

312/34 Attention

25593 62913 80818 13797 66303 73081 25808 49026 46547 81768
21253 98532 49266 52211 01411 91132 80143 49353 57086 46060
58129 56806 06813 86501 40046 26942 38172 65240 96432 51287
04157 08702 01488 78426

Attention (message repeated) Out

8423 kHz, 14-03/16-03, 0645 UTC

512/35 Attention

92801 59368 38412 81574 82259 88226 34795 58812 78292 60223
48735 04532 10942 63317 58118 24713 19374 21128 20688 99463
27741 45439 23049 43777 75330 09889 15322 66665 29042 41640
41639 00129 84953 64449 33407

Attention (message repeated) Out

19184 kHz, 14-03/15-03, 0820 UTC

136/38 Attention

30222 07957 56596 94065 06720 81092 58972 55209 45879 06753
26079 60718 93374 92701 84504 09662 87145 19042 55975 97747
11662 19318 96966 24191 45293 83419 38538 90009 28583 06331
09326 90893 74285 06893 43734 99841 18103 40996

Attention (message repeated) Out

14972 kHz, 14-03/18-03, 1430 UTC

910/39 Attention

63436 60114 02757 38757 31934 51556 21686 87578 36706 42321
41651 47689 57691 17154 39108 90951 24470 46324 71968 89635
01010 12699 29345 01324 29161 11046 40799 48200 09500 68652
41401 09092 83331 72640 39182 33567 75598 12011 21959

Attention (message repeated) Out

5176 kHz, 14-03/19-03, 1605 UTC

236/35 Attention

05732 55088 44288 32473 67498 65754 33815 16648 15592 98682
94148 96442 79118 16974 15379 31999 41245 31721 65462 14691
14629 60596 59925 67069 48131 38193 11248 10819 22712 44967
63663 32839 50715 19699 44615

Attention (message repeated) Out

17410 kHz, 15-03/17-03, 0745 UTC

346/38 Attention

56559 47620 23440 43171 01193 79343 71256 85149 79886 46234
02764 43698 05250 82729 18113 18728 75410 79930 66140 80817
75567 38045 84237 56082 17913 57271 53734 02255 73962 13971
50999 82129 62020 20153 53979 26168 05137 25657

Attention (message repeated) Out

5371 kHz, 20-03, 0450 UTC

415/36 Attention

13776 50681 41884 27868 44213 11267 82987 32983 91678 49894
84916 39042 23764 32423 72077 16386 10016 82020 67092 61821
38479 10838 13117 07043 97784 16405 85314 22402 93605 84879
56673 31980 59050 69741 77308 11665

Attention (message repeated) Out

15632 kHz, 20-03/22-03, 0715 UTC

753/32 Attention

56788 25807 20292 98263 06503 79493 79108 36220 99470 44460
67727 23647 41720 45337 98375 91233 52723 40445 89908 23056
25402 52807 98648 10611 45029 90453 06781 24034 35427 00842
50823 52517

Attention (message repeated) Out

15905 kHz, 20-03/24-03, 0830 UTC

189/33 Attention

52890 40828 99264 31673 68907 39142 46906 12110 62119 02808
45242 77926 78541 17878 42436 64652 00946 89231 24714 26954
53052 31486 52417 97575 35364 86156 12454 06959 17759 41151
98475 76902 36346

Attention (message repeated) Out

12202 kHz, 20-03/22-03, 0845 UTC

719/38 Attention

90419 04985 67169 87928 41541 49350 86499 77902 14873 99728
10703 48154 09946 14069 35282 99443 26968 00290 98975 97578
82592 89630 56440 66825 44103 57165 31399 81336 02855 62196
11115 30630 49294 25004 40398 03892 90332 49804

Attention (message repeated) Out

9951 kHz, 21-03/24-03, 1000 UTC

302/25 Attention

19426 30749 79365 44392 71171 02807 23416 47751 99030 40801
20444 61486 34852 05982 00642 62503 63935 86817 22401 75853
86445 61910 84756 30034 35533

Attention (message repeated) Out

6923 kHz, 21-03/22-03, 1205 UTC

460/39 Attention

90854 71715 21255 32402 77563 81636 11730 40699 99995 91097
33202 21042 86011 27684 18512 05053 94236 70129 13233 30023
15881 28035 29092 13967 06081 68897 11123 17638 24178 62573
26521 79131 55609 39552 85236 71819 90392 48202 47021

Attention (message repeated) Out

12530 kHz, 21-03/23-03, 1230 UTC

331/34 Attention

54893 64941 85828 59823 12731 70099 28250 59204 95213 10070
24381 86162 77308 58723 85161 94710 41618 92249 30923 62984
40017 02808 29240 19943 31577 65528 10894 85459 02092 31421
67308 21866 71602 44024

Attention (message repeated) Out

4181 kHz, 22-03/25-03, 1910 UTC

394/39 Attention

66319 11000 58621 39940 88654 84225 41206 09247 24964 60168
12430 81215 98065 11550 10220 61650 95389 31998 84727 32782
49776 84419 91400 08341 75394 42923 76558 38082 16464 68492
58771 41470 28856 47462 76690 93592 51871 15636 28685

Attention (message repeated) Out

5737 kHz, 23-03/26-03, 2000 UTC

527/33 Attention

63484 83723 39542 17109 24723 72788 37637 63407 12877 64545
81051 63557 85433 65135 05098 43454 21304 79645 08482 07861
22497 93387 19086 19404 70739 39419 88345 46343 68001 54845
23707 99941 64443

Attention (message repeated) Out

4505 kHz, 25-03/26-03, 1530 UTC

364/36 Attention

95618 80894 15965 15627 99078 12090 48806 96037 29375 30496
82474 44208 36682 81216 22730 79088 21823 29580 39159 38168
01450 68892 23044 90806 84418 75167 06106 13644 46428 36912
80256 24205 17509 41504 22058 84084

Attention (message repeated) Out

8180 kHz, 28-03/31-03, 0700 UTC

571/35 Attention

76292 33112 25359 72798 97597 93398 43259 83589 96544 96381
92553 05781 00802 97578 13960 17368 76406 86951 51048 82883
91277 23039 86460 37859 11281 25874 24089 89089 19345 80315
98240 06719 62974 98350 79508

Attention (message repeated) Out

9963 kHz, 28-03/31-03, 0715 UTC

636/32 Attention

24759 03812 02987 64052 91744 86675 96230 61133 78450 18920
30073 26052 77301 37111 68377 11767 26354 15476 67752 24649
71390 88908 56809 73789 92805 68000 12475 94166 50572 33061
08431 87088

Attention (message repeated) Out

18168 kHz, 28-03/30-03, 0845 UTC

155/36 Attention

71614 66954 04907 15366 78336 31820 76861 30003 35261 34721
44741 73805 07543 49149 59463 75182 16566 94179 77579 73012
01341 77437 13537 84605 48785 49427 24177 22226 76294 85677
98655 93249 26671 85932 00505 78472

Attention (message repeated) Out

S06

12188 kHz, 08-03, 0900 UTC

480 239 44

36908 35835 31904 81080 18356 82599 11525 06955 15669 60998
34394 32536 28093 25141 87174 96541 11914 62207 86428 28445
27894 00991 22483 40842 87266 07508 19628 63724 25603 06734
95628 94444 54398 25550 19913 65944 62410 49307 34365 62450
30569 59042 49937 58202
239 44 00000

12188 kHz, 15-03, 0900 UTC

480 397 41

89496 01428 13748 38932 10878 44775 21692 07355 01994 73310
77479 03752 62892 95901 70394 16432 54239 60685 49440 93446
16377 82115 50637 57420 10276 03243 48730 41612 13948 73415
55663 25581 77890 31175 47907 42842 41314 59321 99407 13073
61447
397 41 00000

12188 kHz, 22-03, 0900 UTC

480 593 44

84385 02233 32666 02585 01921 66086 88729 54680 04965 79335
 25984 41166 70541 92449 13303 86017 16590 36384 51092 13958
 64950 21574 35374 12960 46909 92803 54055 87610 92227 73725
 26084 47466 34377 10233 10401 79513 57755 49501 13643 28472
 72436 47109 34818 96901
 593 44 00000

12188 kHz, 29-03, 0900 UTC

480 359 41

68080 27822 77305 23843 95883 08867 73626 67677 92924 75241
 52066 01630 66200 57401 84853 00773 88198 03406 11905 45671
 09335 66502 84676 22763 63938 35769 95824 79412 98651 94441
 15470 32175 64478 75710 14096 73995 85328 87650 23576 55716
 55206
 359 41 00000

Exercises/tests**10755 kHz, 14-03, 0800 UTC**

975 482 60

20926 85329 58477 57352 29733 68303 02718 98753 04427 13705
 56866 42593 76126 69778 00397 52531 69556 67247 97452 76890
 39392 19798 93003 98210 61782 00441 88401 79775 10737 42186
 38521 20049 74062 36478 37662 50961 88532 27813 86418 40978
 98995 27998 56683 88896 71081 98463 96988 19291 12219 74085
 45369 15573 80640 26953 41928 51566 87055 93505 58297 07577
 482 60 00000

15643 kHz, 21-03, 1325 UTC. Restart after group 10**12176 kHz, 21-03, 1425 UTC**

583 926 48

88701 39029 23956 05124 97417 57839 40297 30439 68767 73216
 08596 72651 61284 08173 54194 14286 45918 65973 38638 87849
 65195 45370 51925 14281 65423 46742 23096 41546 64805 94304
 36561 90314 58097 62356 71323 94387 25201 03437 73979 80857
 05321 35762 98646 31528 48451 09682 35323 67866
 926 48 00000

10387 kHz, 21-03, 1600 UTC

Transmission jammed with loud noise and spamming of S06 "387" voice sample, with Windows XP ding system sound from jammer's computer. The jamming signal was TDoA'd from western Ukraine. The jamming sounds just like the later on March 22nd, 1000 UTC 1000z attempt on S06 "480".

10463 kHz, 22-03, 1000 UTC

480 (R)

Jammed after 4 minutes with a very loud noise and a "8733" loop transmission.

12053 kHz, 22-03, 1515 UTC

409 512 34

52089 21084 70129 20912 53482 89149 54140 01678 09369 16192
 21651 21920 45894 89876 10148 37341 23158 98154 92721 24327
 48458 15205 43830 38513 05462 29804 10480 93656 58467 16232
 54022 33423 45671 33451
 512 34 00000

7887 kHz, 22-03, 1615 UTC

The transmission started with a different message as at 1515z and repeated the 1515z message after that.

409 865 11
56874 46792 46278 68737 39859 64713 45269 78463 13531 54327
47945
865 11
409 512 34
52089 21084 70129 20912 53482 89149 54140 01678 09369 16192
21651 21920 45894 89876 10148 37341 23158 98154 92721 24327
48458 15205 43830 38513 05462 29804 10480 93656 58467 16232
54022 33423 45671 33451
512 34 00000

10755 kHz, 29-03, 1436 UTC 1200Hz test tones then S06 "975" three separate times

10755 kHz, 29-03, 1450 UTC

975 (R3m40s) 9 [30s silence] 60
97118 91536 64495 31123 85855 54617 34588 43619 01369 11697 [38s silence]
975 (R13s) 9 [1m silence] 75 975 (R50s)
54617 34588 43619 01369 11697
89346 23097 21621 99446 21376 53850 49403 13435 91599 30897
86837 [1m05s silence]
5 975 (R1m05s) 9 [7s silence] 975 (R13s)
49403 13435 91599 30897 86837 74405 29398 04435 76389 27076
95345 37279 06814 63642 67488 79977 07491 89178 37083 93291
79567 71115 24761 72727 37359 39993 53024 54800 58442 33670
36039 09733 65875 [18s silence]
975 (R1m)
54800 58442 33670 36039 09733 65875 02173 72647 50259 90982
15382 53536 11235 90145 40736 18507 79732
143 60 00000

Full recomposed message:

975 143 60
97118 91536 64495 31123 85855 54617 34588 43619 01369 11697
89346 23097 21621 99446 21376 53850 49403 13435 91599 30897
86837 74405 29398 04435 76389 27076 95345 37279 06814 63642
67488 79977 07491 89178 37083 93291 79567 71115 24761 72727
37359 39993 53024 54800 58442 33670 36039 09733 65875 02173
72647 50259 90982 15382 53536 11235 90145 40736 18507 79732
143 60 00000

Pacific transmissions

11616/9322 kHz, 01-03, 0400/0420 UTC

480 267 51
91351 53677 08377 82911 14101 54343 60659 60853 45331 12559
34221 01919 21167 65268 70404 70914 31037 61641 00185 23366
30874 47827 61712 62014 69310 16661 42568 16832 31536 45737
63914 34521 30536 72314 48724 88421 00365 78455 41284 44762
71165 84877 70149 46201 30617 76918 71748 98585 01488 11073
16817
267 51 00000

11616/9322 kHz, 02-03, 0400/0420 UTC

480 256 70
97766 57172 37081 78205 52579 97536 59372 36832 05686 83534
94714 55442 83910 78950 85343 36787 33899 56440 66687 93734
73577 48579 91340 12860 28864 25173 84376 74777 54075 89024
90948 35896 59457 07357 02116 01291 94285 21050 69826 43373
58966 98917 46999 46047 44586 29172 13640 79049 23330 65296
74932 32141 38225 68492 42240 63862 65632 13905 32946 44514
48934 52789 50094 98075 26846 47842 27739 72727 04797 23847
256 70 00000

11616/9322 kHz, 03-03, 0400/0420 UTC

480 695 67

05951 37007 82487 94701 73894 55808 96799 92290 14527 35208
38951 48630 23266 09695 43370 20800 85181 78030 45936 73531
25574 49902 85981 32943 97374 76653 28690 42319 78791 33283
43855 99624 79650 43902 01918 81453 79869 67841 73228 83085
48494 88579 41466 29342 16735 72699 67160 35933 03456 91049
62247 25981 16528 19301 61589 31406 78514 60078 02424 33861
50096 53877 47635 24907 49698 70917 13836
695 67 00000

(0400 UTC: Interrupcion during the callup)

11616/9322 kHz, 06-03, 0400/0420 UTC

480 695 67

05951 37007 82487 94701 73894 55808 96799 92290 14527 35208
38951 48630 23266 09695 43370 20800 85181 78030 45936 73531
25574 49902 85981 32943 97374 76653 28690 42319 78791 33283
43855 99624 79650 43902 01918 81453 79869 67841 73228 83085
48494 88579 41466 29342 16735 72699 67160 35933 03456 91049
62247 25981 16528 19301 61589 31406 78514 60078 02424 33861
50096 53877 47635 24907 49698 70917 13836
695 67 00000

11616/9322 kHz, 07-03, 0400/0420 UTC

11616/9322 kHz, 08-03, 0400/0420 UTC

No transmissions

11616/9322 kHz, 09-03, 0400/0420 UTC

480 271 53

91881 63914 33187 03558 92633 35207 14325 67658 80499 87816
26092 81718 85027 72091 08298 60086 29481 37050 44488 87755
50151 95659 32086 89804 37239 98019 92074 98569 64512 48400
97925 17022 99922 27057 28445 01764 14362 02783 74237 14107
30753 47102 52475 12632 80660 86074 09647 85711 60607 50632
16984 47400 05288
271 53 pause 27480 00000

Notes:

0400z: No transmission

0420z: After a few seconds, a cut off reverted restart 27 480 and the outro „00000“ were spoken.

11616/9322 kHz, 10-03, 0400/0420 UTC. Repeat of March 9th

480 271 53

91881 63914 33187 03558 92633 35207 14325 67658 80499 87816
26092 81718 85027 72091 08298 60086 29481 37050 44488 87755
50151 95659 32086 89804 37239 98019 92074 98569 64512 48400
97925 17022 99922 27057 28445 01764 14362 02783 74237 14107
30753 47102 52475 12632 80660 86074 09647 85711 60607 50632
16984 47400 05288
271 53 00000

11616/9322 kHz, 13-03, 0400/0420 UTC

480 251 60

83794 23382 62684 00031 85985 12104 50498 36989 44497 94636
19976 03105 42050 83976 08042 17740 24166 26257 13012 85736
56335 30356 61387 25119 31291 47996 27084 57003 87309 09013
26545 74906 23489 41494 38165 35631 22938 31462 19477 38921
19809 01800 20522 88080 71117 15105 16850 48727 19287 30146
10590 47885 56349 66633 73019 80597 25749 57969 27082 16237
252 60 00000

11616/9322 kHz, 14-03, 0400/0420 UTC

480 736 54
94218 66995 09926 65625 03498 85351 60245 03585 93360 76315
29847 58212 63173 26631 77032 18946 24749 93480 53311 46329
70821 65610 02780 37681 47136 42524 51840 44420 82838 05180
56435 76995 58854 76630 98988 58342 18937 96039 52243 11818
53090 54513 52178 94542 08035 66191 47200 12098 04411 73023
15786 75491 65413 06679
736 54 00000

11616/9322 kHz, 15-03, 0400/0420 UTC

480 952 61
65772 25165 10906 86843 44436 55520 19641 74194 93994 39506
81384 96192 91382 68417 60696 91045 79665 92710 60517 01749
90296 27049 16154 89773 30319 80060 12804 66436 57943 25982
12551 71623 94948 60395 01771 54575 49327 07225 94887 36404
46628 69195 55407 59034 93429 38937 20185 50264 21374 12918
37839 59623 85209 75396 57281 44716 13269 44585 27261 12748
33837
952 61 00000

1616/9322 kHz, 16-03, 0400/0420 UTC

480 173 52
35286 65956 43903 36600 39939 06017 58933 39204 59256 79302
34942 97509 93961 27989 50552 18385 22118 36012 68583 06619
96161 83016 49541 51146 67779 37467 60918 90278 07797 24852
61972 54371 13277 31930 68692 09372 19015 32939 28616 49687
55608 48726 60207 13799 21310 74715 36465 21078 59819 38670
17465 53221
173 52 00000

11616/9322 kHz, 17-03, 0400/0420 UTC

480 692 56
48545 63826 35675 55356 97081 53007 47555 12109 05017 00555
59719 20373 60008 26186 52868 69169 09770 56527 75429 52173
55370 35379 13670 12023 41515 18854 86121 06203 54728 10067
35767 61705 65394 13052 18408 10641 74571 10621 10670 24000
51538 95821 86065 85740 72995 11704 32576 74400 99866 79071
10154 44411 52634 16911 71620 24316
692 56 00000

11616/9322 kHz, 20-03, 0400/0420 UTC

480 157 60
63638 16134 34795 80846 58826 32368 68541 67808 61636 70722
03219 62656 77846 34963 07048 28439 07437 23685 41542 90378
39768 74989 28618 90159 18793 61245 68189 92664 70462 94899
10944 68584 09534 31254 15974 01346 67954 79146 47963 91790
12023 55494 93614 59050 40500 44607 01999 61050 80871 48236
78516 83071 25932 37270 87165 67829 77901 41041 40790 85482
157 60 00000

11616/9322 kHz, 21-03, 0400/0420 UTC

480 362 51
95914 87601 45980 97962 85187 17288 79674 36008 39598 91795
72185 37011 29723 32335 46245 73005 82609 83499 46572 51345
28844 42335 53972 28975 92679 02743 76111 10010 98673 82400
50872 06302 93259 24396 23254 65675 04708 90748 81744 97539
89887 90013 65100 50534 41304 06164 75476 21931 52804 20916
58838
362 51 00000

11616/9322 kHz, 22-03, 0400/0420 UTC

480 591 62
37213 28384 54420 03200 03582 30445 27039 34013 77016 98264
88397 47338 52394 99263 15819 05847 98315 27701 11818 53228
63867 57202 60506 65012 76487 48857 61852 88557 85636 88327
10934 08132 31959 50391 14423 96024 46616 14362 61447 35645
10483 78833 91040 27513 27899 49170 23365 14112 94654 96195
46886 84519 64905 09505 78693 44764 46694 93844 40152 64838
80782 81997
591 62 00000

11616/9322 kHz, 23-03, 0400/0420 UTC

480 480 480 00000 (only at 0400z)
480 372 51
33086 17594 29291 19612 85680 89862 12391 20360 98006 06029
24027 23091 87042 91303 66787 98429 69368 20844 52767 63370
87548 70430 50706 85713 76068 64917 21899 32351 46507 22814
37055 22334 96642 20578 91308 70669 73158 24913 59562 33769
42664 66596 59340 92503 50697 54238 13363 33786 73395 51427
29004
372 51 00000

11616/9322 kHz, 24-03, 0400/0420 UTC

480 619 52
47827 43662 01101 59322 29128 14436 61378 18064 36066 47602
81215 95365 53695 93992 17571 65067 71403 76498 39659 22039
82565 32080 57749 19946 42101 43330 99722 47780 17892 39273
33821 37347 96970 70089 61018 18901 32441 85456 25477 67111
42056 71183 16478 04546 94394 23845 60321 54863 43568 68080
25590 62902
619 52 00000

11616/9322 kHz, 27-03, 0400/0420 UTC

480 573 61
81830 46455 59543 01880 58413 92226 76410 94916 10362 02087
57850 70525 69040 91531 49682 74484 21721 63783 77358 55809
97238 56848 75035 80853 80274 33653 29973 24079 08929 88674
09459 71415 35284 69520 62438 97157 53653 36881 13042 00343
26177 11300 88185 11524 60481 80200 46448 05901 19071 63604
00408 83737 65149 61973 49614 03994 74549 34622 66403 82124
68466
573 61 00000

11616/9322 kHz, 28-03, 0400/0420 UTC

480 629 51
27990 01917 20556 77467 98971 08173 72143 54819 72156 53002
24707 29146 48516 94263 07552 22055 86452 50809 24092 71380
54020 32309 44730 14380 38654 56683 37746 60874 06618 16056
42841 79761 29334 77192 17061 47354 18809 27342 07760 30965
39317 01429 32306 06187 87548 51528 69216 31301 58397 44566
90400
629 51 00000

11616/9322 kHz, 29-03, 0400/0420 UTC

480 153 62
98652 91430 26634 37857 88176 26755 59251 68327 14469 12967
89366 40630 16938 91717 23248 51219 78421 55000 84907 15338
26082 68390 26026 85416 67168 68598 07471 27388 14329 08773
19577 90847 80155 50003 33383 33993 45664 22441 00018 89300
32382 04497 40414 80845 32737 93534 92546 29232 78432 66515
08370 05052 51506 54005 17657 16818 67743 76019 00921 44310
87143 13104
153 62 00000

11616/9322 kHz, 30-03, 0400/0420 UTC

480 276 51

92963 89399 33270 28573 47370 90387 63732 12292 42039 39308
62294 55292 09835 51539 36109 19508 67014 14498 27889 21918
88392 32205 82527 85680 60334 59026 59522 21700 78775 58501
70877 36562 84443 48209 49194 91785 52478 16611 75618 62306
78626 22796 22335 67722 29218 15083 89310 74731 47087 29401
39952
276 51 00000

11616/9322 kHz, 31-03, 0400/0420 UTC

480 315 62

76152 35735 96139 45130 22380 82568 40327 73880 93790 20777
51511 02287 57133 38481 17145 76860 66233 86126 71077 49932
73142 50994 59834 79786 72586 98202 41414 93405 59413 76665
08795 72740 03702 13417 55330 50456 73244 44761 24233 26089
58079 57670 09325 38547 76751 39878 99244 55904 69016 62096
82301 68406 04638 40807 54156 95648 63004 55050 95528 43837
63219 15654
315 62 00000

S06b**14913 kHz, 21-03, 1500 UTC****10387 kHz, 21-03, 1600 UTC**

387 (R) 164 2

11111 00061

164 2 00000

387 (R) 387 32

22382 65474 restart

387 (R) 590 32

22382 65474 62419 10368 87348 74067 52591 61352 15069 62665
67468 12135 90317 42345 67239 36513 30763 89501 05673 67485
34248 35902 13298 49612 89089 51434 05468 25894 71850 10254
21258 27788
590 32 00000

S06c

20714 kHz, 22-03, 1024 UTC 11038 (R4m)

20714 kHz, 22-03, 1035 UTC 11038 (R4m)

6834 kHz, 22-03, 1808 UTC 11213 (R4m)

6834 kHz, 22-03, 1820 UTC 11213 (R4m)

5407 kHz, 22-03, 1830 UTC 11213 (R4m)

S11a**14769 kHz, 07-03, 0500 UTC**

382/31 Vnimanaye

65207 59943 32904 10101 50916 06669 61350 53598 04412 89425
36488 84441 10078 62745 18081 32614 79765 99778 54887 95477
20114 09761 35572 41085 08050 12673 92889 78916 54430 68458
37180

Vnimanaye (message repeated) Out

10728 kHz, 07-03/09-03, 0445 UTC

797/35 Vnimanije

01102 06664 10167 62101 80035 05093 82779 56505 86456 74484
58060 74591 89085 71252 47622 25283 18001 59600 94855 97905
88892 47389 11231 94298 26089 18861 63919 53507 49587 58362
84438 52964 13627 94206 93321

Vnimanije (message repeated) Konets

10213 kHz, 08-03/11-03, 1850 UTC

285/35 Vniymanije

13386 19174 86106 18799 86539 19792 83851 96537 71220 35144
83769 36814 07448 17910 77269 11669 91259 05660 07945 16450
45472 94878 57805 76898 07050 28464 52252 07733 41486 42980
95311 96567 59735 62073 94399

Vnimanije (message repeated) Out

6797 kHz, 14-03/17-03, 1400 UTC

427/39 Vnimanije

44870 70010 04692 90982 14967 86203 93281 55298 55879 58295
17263 07563 87963 67467 16658 79429 39485 83906 20788 58127
77968 05950 00029 66249 43995 23636 90414 48550 28061 11911
68278 36208 27611 35297 66085 90120 44095 04067 14027

Vnimanije (message repeated) Konets

11116 kHz, 15-0, 0510 UTC

650/38 Vnimanije

84845 99634 27274 93080 56693 52515 41733 96034 66951 47161
73082 16398 52620 29287 61437 26632 72306 62241 23104 68555
36125 17229 83207 33518 95009 42525 04043 25931 68739 40705
96687 92833 94505 24960 49026 72692 30322 45279

Vnimanije (message repeated) Konets

6433 kHz, 18-03/19-03, 0830 UTC

376/35 Vnimanije

92984 19074 38163 77070 72151 67296 15099 86125 00473 39436
28688 65964 14051 25896 41111 66751 62449 58647 54227 35170
30185 78368 64646 14622 94540 42814 72530 88440 77507 30341
20739 22044 03106 34429 05765

Vnimanije (message repeated) Konets

6480 kHz, 20-03/24-03, 0915 UTC

480/37 Vnimanije

35096 19363 96585 50105 67998 84827 87522 27953 31467 53780
21875 18974 44756 00094 65279 52143 05004 12773 80715 31789
78508 27600 71419 99008 99320 89270 68613 47070 60441 55084
84408 37886 38886 01261 04395 37059 38972

Vnimanije (message repeated) Konets

8597 kHz, 27-03/30-03, 0700 UTC

470/36 Vnimanije

21150 13501 52344 41769 00639 20350 73091 66358 91148 61753
81821 49821 20359 55691 73080 46473 08719 71000 05498 75756
41324 67876 45223 39032 44506 43153 28268 39913 28097 78258
60326 94816 05208 94226 22256 42806

Vnimanije (message repeated) Konets

S25

7847 kHz, 22-03, 1620 UTC

513 513 513 05388
213 213 213 05388
213 213 213 07258

6825 kHz, 22-03, 1630 UTC

213 213 213 94878
213 213 213 06358
213 213 213 00000

V06

10755 kHz, 10-03

0651 UTC 1200Hz test tones then V06 "975" once

0707 UTC H3E OFDM-45/60 probe bursts

0715 UTC 1200Hz test tones then V06 "975" once

0720 UTC V06: 975 (R 1h 52m 30s)

0930 UTC V06: 75 97 [6s silence] 75 975 (R 25m 30s)

0956 UTC V06 message

Note the OFDM-45/60 probe bursts: normally it's used on the diplomatic network, but it's not the first time we see hints of a connection between those two systems.

975 184 60
64724 44034 01229 45550 59401 17440 14375 71832 43463 50519
91176 50654 00618 96355 44781 61406 71062 47114 66954 92581
20565 23225 92720 58730 94030 84916 76824 76509 64460 20816
55436 66992 13277 93275 91563 76443 02918 45131 27583 32725
27666 97570 93334 79553 53628 93804 43230 55760 83822 68228
20797 11764 20677 41772 73154 88132 21076 39548 43188 55305
184 60 00000

10755 kHz, 16-03

0711 UTC. 1200Hz tone

0712 UTC. 1200Hz tone 1x 352

0719 UTC. 352

0720 UTC. 352 (R 12m40s)

10755 kHz, 30-03, 0700 UTC

Very poor signal. Faded to nil halfway the message.

975 (R34m) 128 60
46958 95266 03701 19438 86376 89499 08148 45864 28428 94194
27924 46848 46904 69487 94637 10100 03667 16273 45658 61890
02215 87751 00571 43094 26642 78017 22893 11505 71967 67294
65475 62602 16721 29183 23037 85970 73777 27542 40262 99544
80340 61151 48907 28873 73018 32373 32343 23594 38949 46587
40976 28305 38881 71388 06995 50010 13180 10335 31857 89338
128 60 00000

V07

19172/17472/16272 kHz, 12-03, 0200/0220/0240 UTC

112 112 112 1 5597 80 5597 80
24399 83595 17322 27465 50412 89541 83176 00605 07321 62486
60300 17218 69022 57429 37873 22528 61204 59174 97945 56002
20971 92118 73938 42300 59552 21629 22345 58588 23793 15620
77746 11422 15346 76870 33676 00886 72719 31612 77626 61117
60827 63432 22969 34853 49373 17696 49098 95807 78382 98735
13744 16804 26718 21193 34966 16680 63655 51433 44709 33405
79648 98457 97254 77852 31552 92959 79954 02880 20109 96294
11649 87488 24576 40438 89952 30320 25511 56802 38371 31075
000 000

19172 kHz, 19-03, 0200 UTC

112 112 112 1 560 128 560 128
29713 84588 92648 51557 60181 15717 92789 36648 57583 91082
86458 05960 33995 46179 36797 98884 41125 75491 04526 89745
64129 92867 10794 05908 81653 17272 79870 39769 33995 70298
61493 32410 57311 23684 01983 83289 93424 74305 88466 59111
51515 74319 06867 56337 68493 93741 13674 06928 68434 79678
78301 92078 15837 83228 66036 29934 87262 03124 71910 72601
69902 73580 32209 21391 64315 54395 66491 36651 95976 84622
15462 83009 84728 60444 79977 35220 58355 12233 44147 70944
13920 74145 94377 10291 34403 89330 75382 30823 72316 09419
90293 38194 58702 47994 07799 25284 69196 84635 19287 19277
66934 71210 06131 98894 63381 44909 88312 42213 01622 38719
64459 90417 11892 99263 07941 01914 42641 71188 90233 91720
92832 46796 47568 000 000

19172 kHz, 26-03, 0200 UTC

112 112 112 1 690 126 690 126
84908 65461 58402 00309 96418 45496 44922 58551 19615 26662
94453 41476 66628 82053 51012 25190 68396 45752 77302 23153
93436 70971 49890 14576 45534 08885 85111 63740 34497 46838
56340 37581 63401 50630 55524 42898 28100 50575 33465 61467
73259 73087 63893 23792 80837 90522 97445 23480 52073 44134
92567 92278 07973 13373 47182 44199 17931 59190 52984 35117
69188 08472 16216 66726 96760 97706 62576 36211 12923 21527
20875 20377 50478 83182 01939 89829 15379 86338 03677 23490
38802 58406 10109 31022 65192 49311 75171 67553 94809 73381
36244 79046 23810 04355 02022 96072 28731 32508 82520 44546
40949 29241 03692 83936 36003 20348 93277 31039 35699 04758
66739 17055 62527 58777 60260 85182 58346 29006 31703 97931
01575 76479 40215 23330 80883 61862 000 000

V28 - 앵무새 Aengmusae (Parrot)

One of the readers asked “what is the Parrot”. The Parrot is the nickname for a North Korean radio net, but I don’t know who’s behind it. Likely the military or North Korean intelligence. The last word of each transmission is “Aengmusae”, meaning “Parrot”, hence the nickname.

The net often uses North Korean mountain names as code words (keys). Transmissions are in in AM. Male and female operators. The transmission times are not strict. Often at ca 0900, 1000, 2100 and 2200 UTC. The frequencies used are mostly in the 3 and 5 MHz bands. The language used is Korean. Drifting signals and bad modulation are common.

Hiroyuki reports the net on his website <https://radio.chobi.net/DX/SPYnumBBS/#2740>

Thanks to the Japanese and Korean dxers for the reports and translations.

Below a complete transcript from a transmission from 2015 taken from Hiroyuki’s blog.

1 2 3 1 2 3 rakdusan rakdusan rakdusan
1 2 3 1 2 3 rakdusan rakdusan rakdusan
1 2 3 1 2 3 rakdusan rakdusan rakdusan

00 01 59 717 22 00 00 02 59 788 22 00 00 03 59 778 22 00
00 04 49 785 22 00 00 05 49 767 22 00 00 06 59 122 22 00
00 07 49 168 22 00 00 08 47 822 22 00 00 09 42 837 22 00
00 10 78 481 22 00 00 11 78 471 22 00 00 12 78 511 22 00

01 58 537 01 02 58 548 01 03 58 551 01 04 48 553 01
05 59 111 01 06 59 117 01 07 42 175 01 08 47 883 01
09 42 879 01 10 78 936 01 11 78 947 01 12 78 958 01

3043 kHz, 03-03, 2059 UTC, AM
5499 kHz, 03-03, 2100 UTC, AM
5011 kHz, 03-03, 2105 UTC, AM
5499 kHz, 08-03, 0905 UTC, AM
3052 kHz, 13-03, 2108 UTC, AM
5009 kHz, 13-03, 2108 UTC, AM
4967 kHz, 26-03, 2104 UTC, AM
5160 kHz, 26-03, 2104 UTC, AM
5499 kHz, 26-03, 2104 UTC, AM
5499 kHz, 29-03, 0900 UTC, AM
2969 kHz, 29-03, 0905 UTC, AM
5245 kHz, 30-03, 0906 UTC, AM
5499 kHz, 30-03, 0906 UTC, AM
5240 kHz, 31-03, 0901 UTC, AM
5499 kHz, 31-03, 0901 UTC, AM

01 58 527 02 02 57 539 02 03 58 569 02 04 42 558 02
05 58 339 02 06 58 343 02 07 41 811 02 08 48 889 02
09 48 877 02 10 78 938 02 11 75 999 02 12 77 969 02

1 2 3 1 2 3 rakdusan rakdusan rakdusan
1 2 3 1 2 3 rakdusan rakdusan rakdusan
1 2 3 1 2 3 rakdusan rakdusan rakdusan

132 chukjusin 54 tanmak 25 032 chukjusin 54 tanmak 25

1 2 3 1 2 3 rakdusan rakdusan rakdusan
1 2 3 1 2 3 rakdusan rakdusan rakdusan

01 58 519 03 02 58 589 03 03 58 589 03 04 58 322 03
05 58 326 03 06 58 394 03 07 47 342 03 08 42 871 03
09 47 532 03 10 78 922 03 11 78 991 03 12 78 973 03

01 58 639 04 02 58 649 04 03 58 659 04 04 58 312 04
05 58 383 04 06 58 397 04 07 47 449 04 08 47 459 04
09 47 537 04 10 78 276 04 11 78 917 04 12 78 987 04

01 58 619 05 02 58 889 05 03 58 679 05 04 58 232 05
05 58 388 05 06 58 387 05 07 47 447 05 08 47 457 05
09 47 537 05 10 78 159 05 11 78 837 05 12 78 894 05

01 58 619 06 02 58 589 06 03 58 679 06 04 58 232 06
05 58 388 06 06 58 387 06 07 48 447 06 08 48 457 06
09 47 574 06 10 78 159 06 11 78 839 06 12 78 894 06

1 2 3 1 2 3 rakdusan rakdusan rakdusan
1 2 3 1 2 3 rakdusan rakdusan rakdusan

032 chukjusin 54 tanmak 25 032 77 54 tanmak 25

1 2 3 1 2 3 rakdusan rakdusan rakdusan

01 58 739 07 02 58 749 07 03 58 757 07 04 58 237 07
05 58 248 07 06 58 257 07 07 48 469 07 08 47 577 07
09 48 567 07 10 78 163 07 11 78 822 07 12 78 891 07

01 58 729 08 02 58 799 08 03 58 769 08 04 58 291 08
05 58 261 08 06 58 265 08 07 47 512 08 08 47 583 08
09 47 574 08 10 78 197 08 11 78 174 08 12 78 816 08

01 58 715 09 02 58 784 09 03 58 774 09 04 58 288 09
05 58 272 09 06 58 912 09 07 47 517 09 07 47 587 09
09 57 311 09 10 77 188 09 11 78 178 09 12 77 432 09

1 2 3 1 2 3 rakdusan rakdusan rakdusan
1 2 3 1 2 3 rakdusan rakdusan rakdusan

032 chukjusin 54 tanmak 25 032 chukjusin 54 tanmak 25

1 2 3 1 2 3 7 rakdusan rakdusan rakdusan

431 01 58 717 22 2 431 02 58 787 22 2 431 03 58 788 22 2
431 04 58 147 22 2 431 05 58 159 22 2 431 06 58 834 22 2
431 07 47 644 22 2 431 08 47 654 22 2 431 09 47 235 22 2
431 10 77 342 22 2 431 11 77 357 22 2 431 12 77 412 22 2

1 2 3 1 2 3 rakdusan rakdusan rakdusan
teyang 02 tepung 10 0 0 0 1 aengmuse.

MORSE STATIONS

M01

5475 kHz, 02-03, 1800 UTC. Ran all groups together.

4637357353030==

6574656746453654536521324213244354243542809808098076878768786587675879008990898768567685665647656476213232
1323123231232343544435465776657768799887998768767686657545353565765657878798776574667685754354523432234323
21233343544412323534565345676897768976576865768
==73573530300.....0.....0.....

6260 kHz, 04-03, 1500 UTC

463 607 607 30 30 = =

50306 16296 31837 69905 20063 18382 47305 39641 09531 37816
24586 48506 27094 53817 57381 94206 71517 29202 06491 72819
84628 94561 10730 56402 93816 60492 73819 20402 07380 51927
607 607 30 30 000

5475 kHz, 07-03, 1800 UTC. Errors in red

463 916 916 30 30 = =

91873 17616 98173 17365 09174 72651 47389 16524 68956 17365
8573 61 17635 09176 26517 87162 16527 09173 87163 17625 98161
81761 91873 15436 87151 09165 26142 87351 71652 76151 03151
= = 916 916 30 30 000

5475 kHz, 09-03, 1800 UTC

463 274 274 30 30 = =

31817 94261 27613 95834 74581 90387 17042 23149 38937 50672
27841 06841 25209 58719 43951 26761 54302 10693 75182 24605
39656 29713 46271 84516 49871 74930 04518 94302 63917 74731
= = 274 274 30 30 000

5020 kHz, 09-03, 2000 UTC

463 591 591 30 30 = =

26140 73637 95284 03731 27583 94712 52600 84360 28594 20683
95371 64382 58502 19639 27502 46891 95752 64690 23001 71693
19840 53205 92705 18605 93817 21848 11793 49603 51820 71630
= = 591 591 30 30 000

6260 kHz, 11-03, 1500 UTC

463 527 527 30 30 = =

27032 01042 26082 90803 17503 27081 60410 51380 67310 30501
10302 37501 28090 69104 75037 20704 10010 38401 27410 29004
90970 27403 18042 10803 18530 20841 30541 40901 28041 40901
= = 527 527 30 30 000

6510 kHz, 12-03, 0700 UTC

463 027 027 30 30 = =

27032 17080 27001 57401 28010 10904 37280 14930 01042 26082
01045 02021 03058 04083 05017 06054 07018 08029 09016 10054
57309 90841 60585 37201 54045 18080 32807 56480 17006 60640
= = 027 027 30 30 000

5475 kHz, 14-03, 1800 UTC

463 245 245 30 30 = =

51823 08274 58320 91615 41602 04285 97307 17184 63719 28306
84791 01216 34208 73615 95310 01714 28361 95260 04749 19310
1320 2710251 938 91 20502 20 40938 408 63893 69715 27813
94602 37815 37815 28920
= = 175 175 30 30 000

5020 kHz, 14-03, 2000 UTC

463 245 245 30 30 = =
 31652 74940 28615 48917 54275 06937 30162 18613 52860 04720
 23960 74512 60837 19731 28649 75315 49613 25613 94816 51280
 94712 35614 87497 06381 28649 52713 31619 74902 05752 95202
 = = 245 245 30 30 000

5475 kHz, 16-03, 1800 UTC

463 173 173 30 30 = =
 01982 45371 87161 87112 03901 75890 04837 70960 44830 16527
 85761 22314 04871 84718 03761 86759 09173 65789 05981 44638
 76890 01615 26517 98165 11091 47891 38716 07017 76154 54165
 = = 173 173 30 30 000

5020 kHz, 16-03, 2000 UTC

463 981 981 30 30 = =
 71851 09187 11541 87198 58476 09173 37628 17624 98165 98153
 87154 37628 16524 87165 09175 16536 16352 87164 98164 16357
 84736 64738 15362 98675 17584 16547 16547 16548 98661 64537
 = = 981 981 30 30 000

6510 kHz, 19-03, 0700 UTC

463 453 453 30 30 = =
 87968 45365 23143 21324 43654 65768 87098 65708 98090 32543
 43546 12343 21423 31221 11232 43546 76587 54657 98709 07899
 65746 34543 21323 43546 54676 65676 65476 65765 87689 90897
 = = 453 453 30 30 000

5475 kHz, 21-03, 1800 UTC

463 731 731 30 30 = =
 45634 68745 80956 53489 64590 46523 80945 80965 45676 80965
 34556 67456 34587 57634 78788 45665 78967 46745 86798 57689
 56784 56784 67876 78934 78945 78956 89078 80967 57645 89034
 = = 30 30 731 731 000

5020 kHz, 21-03, 2000 UTC. Errors in red

463 **incomplete preamble**
 42378 45389 31290 64532 65732 56790 53487 79832 76544 36544
 78967 (7984445) 79845 68743 68745 97856 **678778** 67878 **5675556** 56756 97889 **97589** 80967 56778
 56786 56734 68734 86745 98723 89743 87945 98756 89743 78945
 = = 639 639 30 30 000

5475 kHz, 23-03, 1800 UTC. Typical for this operator

463 139 139 30 30 = =
 76857 65758 80980 23142 43546 65768 21324 65768 43543 80908 76878 65776 80809 53435 22342 12321
 135466554665809078656456537687878435442131546558796887965765657655436545365323253213341380998897685775
 = = 139 139 30 30 0..... 0..... 0.....

6260 kHz, 25-03, 1500 UTC

463 694 694 30 30 = =
 25716 94851 37690 28046 51732 50108 49691 24185 31502 61817
 19053 17590 24302 75137 29631 84512 45732 94261 75816 95713
 80561 02759 95304 14275 69413 10583 27030 08671 74862 25361
 = = 694 694 30 30 000

6510 kHz, 26-03, 0700 UTC

463 539 539 30 30 = =
 27590 13513 41851 94207 69315 83604 27869 94130 25418 06270
 64851 91270 17682 50418 29530 94871 45731 84931 76931 29630
 52865 2528375275 9427047 2574124 83936 83727 94352 17560 28539283 04878
 = = 539 539 30 30 000

5475 kHz, 28-03, 1800 UTC

463 815 815 30 30 = =
83761 01761 76173 12871 64537 09176 36371 87153 77154 08176
86154 15261 86790 33091 22651 71541 06969 40947 44903 33820
65783 11651 75689 45367 23153 11984 44789 09813 76518 12651
= = 815 815 30 30 000

5020 kHz, 28-03, 2000 UTC

463 473 473 30 30 = =
76154 09187 15414 57648 98176 13241 76587 98164 47638 22871
65784 35417 98716 11651 09187 53711 87164 76184 87163 65162
97817 47638 27618 26176 17634 09175 16547 22276 67859 16517
= = 473 473 30 30 000

5475 kHz, 30-03, 1800 UTC

463 593 593 30 30 = =
39641 27815 90619 06715 24805 95381 64690 27915 06318 37915
24806 04207 17407 95275 31748 07771 47310 28953 64940 25610
35815 94693 18531 56849 74053 48905 83202 51504 29748 95316
= = 593 593 30 30 000

5020 kHz, 30-03, 2000 UTC)

463 175 175 30 30 = =
29764 19591 24830 76915 28316 74207 51286 95310 28615 84207
18607 95318 62606 24951 65187 95207 84716 75310 94820 95710
28348 74513 62741 73850 17531 75408 31846 95302 42854 27651
= = 175 175 30 30 000

M12

15848/17448/19148 kHz, 0800/0820/0840 UTC

15848/17448/19148 kHz, 01-03, 0800/0820/0840 UTC

841 841 841 1 396 231 396 231
12120 63659 20092 56613 14473 77493 48589 84196 17081 95850
03841 35419 56289 23248 79044 97196 11226 27715 06526 42434
80087 30883 76928 57616 90075 24762 19635 82853 65416 46610
76933 44772 00428 48086 84948 54319 19792 36848 69006 33953
39074 54834 01861 30908 26167 71761 32939 64539 85204 14244
54411 68714 11567 69631 22669 19800 31577 94246 96538 49716
30548 42449 13179 85812 38351 63468 06282 50088 16254 29149
64075 10749 09712 28510 79091 10179 76544 20370 63763 80024
70139 59393 73692 64522 86292 39997 53001 02189 73325 74708
26112 28642 94613 46132 16863 55436 16974 04461 22656 92938
81106 32127 41309 26501 26057 99444 81406 22165 59436 69622
97510 42047 46347 60621 29246 63782 04314 28015 41849 36087
68802 79451 00754 43951 81612 17949 84744 04009 37115 02336
87440 42724 41711 88555 20187 28982 52249 00696 89319 16587
02383 10391 62115 45477 64423 29662 98995 43379 76181 23523
61948 95667 68669 33113 14125 88959 16133 45000 02682 43099
24296 55937 96751 11984 08145 72827 99319 01460 64146 31326
72128 35081 04208 67797 42344 49091 71657 12589 61294 20045
23550 11809 64826 33389 86535 02388 28067 60687 75498 04937
14860 25206 45412 07448 22847 20996 47293 38990 36518 75815
35408 99904 89838 77027 20021 20726 40389 38134 96058 91194
19309 59800 01036 18323 29664 93128 88621 21052 16611 71146
07469 05462 02482 43502 29274 67520 43726 50257 75221 78656
00892 000 000

15848/17448/19148 kHz, 15-03/19-03, 0800/0820/0840 UTC

841 841 841 1 255 245 255 245
42925 91148 45766 23549 42914 89033 08363 67598 48473 80174
91733 54045 97059 58594 91251 54425 40654 95669 85308 37066
54030 98975 22391 59477 77513 34833 13439 84063 55646 49428
06228 23822 92288 45022 49358 64711 16416 14354 98685 44263
94160 64932 54848 63452 22649 27149 04827 47203 24893 79272
87705 47094 94267 13586 84161 40396 77417 35399 39121 66330
42806 86721 59295 11584 21683 58421 83303 44625 46955 30571
68506 51579 19249 03494 97430 38926 41371 25157 15378 80684
45293 02041 29048 38449 41426 80354 17108 12687 85236 40897
39353 66348 49939 29407 93272 53571 44756 86817 98374 13380
89474 54231 17548 28621 68839 01695 21042 24938 64896 45784
29854 05434 76388 06862 84849 26390 68965 83421 52316 22084
96156 96005 07426 08323 99242 82143 14705 56851 69627 60341
27870 23060 37313 86902 19535 35014 25313 88038 39820 61378
52965 28578 76008 29153 01539 09507 08002 45678 27096 20128
90412 78568 75151 50442 98857 22318 38952 33548 70830 35342
61944 65909 81318 14889 73810 85139 36601 17419 55085 68267
41388 98174 43899 67080 31990 09086 96948 41295 70906 97733
26468 32831 71279 30726 88529 94406 86517 38665 19968 86324
57174 37197 08486 20644 81035 52465 85872 87476 41210 75031
70292 93030 38936 68344 38429 62510 96452 21036 42406 69130
47545 94844 91928 27172 78430 99303 04953 64430 46967 46329
67269 10966 60219 21157 49737 14390 90081 52617 32408 13934
24831 94262 55984 77445 97635 24187 09488 30192 00961 25527
70059 18491 22367 20097 86533 000 000

15848/17448/19148 kHz, 22-03/26-03, 0800/0820/0840 UTC

841 841 841 1 4173 227 4173 227
57407 40497 98560 82740 57651 63707 67258 88132 11979 04220
59842 23925 47154 32767 60086 66074 82235 58255 80574 65859
84612 36169 63562 29473 74712 09542 12105 48486 26907 99895
11811 22614 70623 78458 00269 40446 31311 41881 11968 82476
23728 14713 95082 38301 64696 98196 19503 42664 15790 90264
27088 57097 15264 72485 15846 73110 35598 39763 72092 95504
45207 10839 31814 73823 92582 79551 54442 67515 05230 90703
09590 08742 82452 78186 70552 71607 99990 28574 87017 75688
95238 10551 52111 00596 53769 18191 60096 96472 92723 19705
31075 36139 77206 98735 90909 98853 73275 49176 97736 51732
50259 35972 08941 12902 86166 10492 69724 14565 70237 85997
00452 79583 74145 00784 33999 61831 91364 09108 55538 85290
45026 49062 68688 24178 55712 76309 59806 06316 16582 61854
58578 73561 59312 73285 77101 98035 25021 55998 18548 79850
47996 11836 25780 09741 61508 61231 34930 94495 62105 59908
95907 52093 01345 30115 40603 50170 89493 01040 89369 38649
62703 47148 28112 95809 69300 16160 35555 00656 87107 28237
19205 43370 14796 05256 52916 19328 05305 05727 14462 70817
44986 04559 83335 51434 23994 99839 55491 61613 13237 78464
81401 64660 30796 18918 05151 69137 55528 12602 94397 10721
71459 36257 57107 35158 27847 45385 85236 22862 39556 00042
87825 45979 46292 61532 63060 19578 53838 01412 40004 25875
89323 99432 73407 50419 08661 77390 69248

15848/17448/19148 kHz, 29-03, 0800/0820/0840 UTC

841 841 841 1 77 201 477 201
96354 65767 33830 76336 54805 77996 07457 24188 37294 41420
57117 81354 30190 65695 33141 10552 86935 23821 83441 58819
49982 50674 45496 90938 53182 01592 81903 16501 21978 79997
94014 72613 59322 30712 37549 25236 69236 99864 02415 52654
14888 82504 87680 30810 17192 29349 38533 17252 81161 28949
96471 51541 85943 09637 83216 06698 66026 09413 97083 91532
33053 55776 38552 70350 31169 80303 12930 72569 43212 39384

40607 82160 30458 58826 34611 73258 64961 76618 57319 39227
13786 92294 99734 86286 90300 02276 32627 86932 22912 24034
09002 32775 14563 28396 30558 28869 79294 19397 15135 59392
50716 52913 38605 46014 55551 76376 67155 99923 55454 89609
80896 01121 85948 13282 93351 77185 15686 43449 49452 03625
46829 48569 89372 19245 16615 24346 63329 78855 82185 78860
16550 48498 84491 25681 12740 92206 87531 87335 36108 51432
34218 57423 84901 02745 41597 41086 09638 76433 56423 95191
62737 94632 96849 31838 57118 00795 48349 21270 80910 88486
47052 13420 23246 72562 03947 40029 61948 94017 05532 82511
58345 02487 05222 91044 25417 74773 06389 99375 00068 95802
26199 84604 45731 33863 93865 68781 43010 58104 11352 51562
53110 94916 98017 05436 88268 60461 18817 88458 49426 52052
79536 000 000 000 (after 11 seconds -0820z only)

10238/9138/7838 kHz, 2000/2020/2040 UTC

10238/9138/7838 kHz, 01-03/03-03, 2000/2020/2040 UTC

218 218 218 1 9166 117 9166 117
85036 44616 81203 00795 05169 58319 73002 01925 06684 63728
00159 71484 70547 85406 25417 62337 31352 10302 46863 45396
26895 84249 65591 04100 33069 17860 32363 45625 56925 33010
66561 92192 54452 11917 82603 68733 89131 70943 50799 32862
86070 53386 64880 23778 77728 19772 10214 09626 87228 88860
60467 97982 60389 70410 60891 52012 54077 85183 00334 03445
56224 63208 32545 57797 65332 00728 14919 27460 71155 17830
56237 50385 15191 45441 75778 12449 23009 44823 10825 00118
55244 37376 26950 03595 84038 72113 98819 61129 55140 21172
49213 43630 09054 48759 91752 84681 93488 65843 85106 33419
82565 81241 95079 51836 11093 54240 49032 90070 24907 10863
62016 90632 83529 01931 19279 59056 57682 000 000

10238/9138/7838 kHz, 15-03/17-03, 2000/2020/2040 UTC

218 218 218 1 557 185 557 185
99072 50278 96533 27233 80355 19284 29483 70519 68777 17531
27919 25052 07965 93283 02616 96731 52631 95963 04467 39783
13310 06922 37992 87212 38917 71672 75289 23992 53861 97565
00958 48294 17690 62067 30726 76473 04477 57829 78171 25173
07842 41019 23619 22619 44596 18200 17495 01887 65895 61492
19671 73435 16801 34535 53502 73072 35140 03108 61232 76911
00006 11206 66453 23774 41184 92448 64739 37938 75950 50039
58454 64356 37838 79604 96470 90192 22657 79496 26222 15088
67587 19501 16687 81893 06288 16271 12322 10237 49222 56469
05790 41551 18515 79971 30828 20367 62885 19021 47493 66632
64727 80943 36461 42275 09887 12510 07913 13864 56805 27385
72497 73112 30232 79396 96551 56314 60976 36655 54147 06548
28697 98997 99060 48607 21462 22230 10406 26746 14522 38814
73075 72430 24574 50183 84241 31565 37121 19052 11233 66095
21595 30372 42926 44324 10346 65912 40641 65390 93729 32674
06010 63237 53831 51699 86229 46942 78527 27556 00441 07809
63012 70652 50293 42434 20892 87941 32111 45145 91077 19538
23815 92091 64157 64230 38996 43813 60656 08657 55355 73047
96206 02377 58100 57973 05798 000 000

10238/9138/7838 kHz, 22-03, 2000/2020/2040 UTC

218 218 218 1 6320 163 6320 163
99211 82791 95927 95604 65746 23728 58630 30772 75320 14560
97690 44602 00355 87096 09081 72768 65106 17456 59410 52764
63907 96332 94382 87795 87274 07010 15433 50046 75818 79114
03247 59639 89640 10677 51990 61293 26150 21275 47687 32012
97967 30043 29221 76242 87727 40966 75972 68953 20318 04629
12125 63677 35744 04363 92794 67748 20668 80652 09127 23709
13328 00109 62832 72175 50843 35770 71371 50713 88852 21925

48410 71727 37471 21437 75690 10956 37536 51985 24099 78649
43882 92206 35997 66286 15870 50425 02013 85516 78755 22906
80027 68772 97982 72096 16166 56864 36203 80008 16374 70205
84000 70181 36129 79006 73541 51676 91524 29741 25162 00051
95817 01163 78717 94723 81414 52930 63808 85620 58256 86001
65301 46076 44089 90708 44077 10072 68999 86434 56408 14781
77654 59194 85176 69254 65593 80988 52955 52821 54198 49236
06338 05430 42452 52332 92372 54628 12011 85717 31246 00063
33449 17301 57711 37605 74188 65545 19066 76147 81101 92936
19219 97611 00127 000 000

18767/17467 kHz, 0300/0320 UTC

18767/17467 kHz, 02-03, 0300/0320 UTC

742 742 742 1 669 100 669 100
10196 59243 93391 07683 99577 47377 83287 48783 26529 11098
24116 16682 82848 12847 65527 94673 97375 74241 87091 73141
69530 88317 65061 31796 85969 99549 94699 70365 30541 79793
17452 25602 25069 85695 27167 83540 01113 02386 04350 32213
08583 95455 79054 47865 38758 95977 43766 53339 66342 59670
53907 08093 58284 65415 39419 55591 20583 99642 59435 94697
29111 93004 73679 86951 43404 85488 61086 79340 24508 37154
18281 40405 15121 38271 83316 02044 68921 18231 25112 69135
79389 27770 27993 50467 24483 48714 30152 70315 51094 70033
70225 00612 44536 68792 02104 86261 15900 37134 55644 20205
000 000

13386/12189 /11491 kHz, 1110/1130/1150 UTC

13386/12189 /11491 kHz, 02-03, 1110/1130/1150 UTC

725 725 725 1 4855 94 4855 94
25038 86152 81328 24666 50820 90204 05550 15108 43018 82211
52479 26839 73101 35826 73672 19631 77189 80857 46810 02994
33944 16758 20412 92213 27341 05461 80688 38647 13375 41680
80861 69433 61049 13638 16831 93586 89652 82062 43201 03874
15209 22442 23665 75411 92914 73721 65745 26560 68540 07653
48764 86151 84136 75102 09804 17414 06286 77106 55051 16283
46523 50623 12911 22268 94146 59293 44680 41951 70875 35849
84593 95157 67788 65106 12651 86383 90894 99641 99384 93088
73878 68984 31227 68838 79697 19802 55505 52108 19808 86008
04690 87896 70958 75271 000 000

13386/12189 /11491 kHz, 09-03, 1110/1130/1150 UTC

725 725 725 1 7787 97 7787 97
39068 98842 34965 90785 39930 61313 23718 38721 89986 38207
28764 39752 84619 06771 13477 30167 89330 35174 41203 32896
70486 94090 38084 80306 55027 90433 01209 74560 95161 61354
29721 19117 99659 16086 35697 93311 86891 13998 83491 99679
90590 63851 85099 21638 86008 01777 96611 71994 75379 23499
72291 39509 56081 19882 11790 23305 76789 64608 75899 15568
35577 65398 96452 89184 72705 53798 77722 21903 10718 01370
23710 07422 38301 19230 79043 64524 49095 30511 46780 26606
09973 33373 61278 38457 13025 11231 97554 50362 07874 33097
42135 78712 10963 86733 35726 35272 70266 000 000

13386/12189 /11491 kHz, 16-03, 1110/1130/1150 UTC

725 725 725 1 8177 97 8177 97
18767 84243 88593 86817 93507 36957 32422 50885 46527 95551
05308 72693 14779 54268 77053 38327 81446 89444 23944 98722
52973 24774 99324 00310 69825 38513 41001 61704 42795 29793
95625 64619 48530 79308 82266 42862 31583 85745 25500 56388
26614 73951 35085 22601 22956 36161 78980 74436 55221 64747
29376 06151 01244 55188 78346 60639 89698 75229 03925 33786

13869 46909 00752 04356 02997 48083 32877 51004 16228 06394
89225 94994 55076 81087 94314 40606 85134 39518 01159 55560
85525 36171 98826 04722 85806 73729 84097 20880 78899 23888
18231 26557 08982 47844 95815 97903 44937 000 000

13386/12189 /11491 kHz, 23-03, 1110/1130/1150 UTC

725 725 725 1 9175 91 9175 91
91474 06133 90660 61240 32134 45669 78346 45347 67744 77866
82937 79120 40445 06105 07774 64787 67000 59078 44142 52384
05805 14181 32253 60430 06411 66248 40846 19949 07155 21516
57083 31699 41796 24782 70049 35868 40183 60012 92054 80182
83698 47589 82004 40850 23652 50501 33930 04209 84114 71900
81580 47062 32576 52794 08861 72415 41403 17136 23575 69459
43950 92963 13918 27544 71431 63105 78921 01903 97494 93493
84901 39543 61815 33707 08505 96491 39276 38917 15467 79340
56413 08841 65629 79141 54526 43838 03986 65136 49401 69270
87835 000 000

13386/12189 /11491 kHz, 30-03, 1110/1130/1150 UTC

725 725 725 1 8646 98 8646 98
94847 58040 83751 45532 84132 18974 39843 76258 47911 49362
77179 52416 69306 85323 72057 04017 15256 67048 51091 54842
85024 47609 02334 06730 15938 52131 65598 54902 81957 28640
96541 35749 26292 46358 56711 96455 65622 90185 97519 28023
65164 39321 72182 79073 45599 80619 15229 13078 06868 76782
28389 00166 22130 19880 38283 76811 13796 32339 11316 74567
77889 46552 31055 95276 86599 15115 21134 44902 67715 91857
22898 01987 85309 10600 45140 09439 96542 93153 24023 14713
94752 60388 16697 29970 88178 05918 61399 58916 89161 58040
24915 13072 11111 03692 39711 86452 14506 12248 000 000

5863/7463/8163 kHz, 0030/0050/0110 UTC
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5863/7463/8163 kHz, 03-03, 0030/0050/0110 UTC

841 841 841 1 332 108 332 108
31084 56556 67338 56057 48801 53220 88321 15106 95761 98644
62149 76439 38698 52065 93403 87582 11103 64934 58954 27379
26383 33767 98021 82062 05828 78552 07396 92683 73825 30703
80187 90611 84765 73552 03415 65459 04799 47942 43242 03778
89477 59184 67983 39012 05407 69550 91879 62057 80446 73253
25393 38576 38316 05955 15776 92267 04615 14511 37563 56606
03151 35603 68447 91980 72759 35409 29918 35182 93756 04929
59971 25500 95382 69916 98167 95099 33190 79648 06446 37507
95836 96097 18631 99722 19156 62614 19573 59971 06110 30657
77967 09125 94014 97328 39799 91320 71529 67890 78430 67670
45159 38416 58996 74645 69148 48208 33549 67746 000 000

5863/7463/8163 kHz, 14-03/17-03, 0030/0050/0110 UTC

841 841 841 1 9404 135 9404 135
69922 97499 54676 17551 12687 75240 20460 62315 17645 72294
44284 90707 75215 59517 50099 89358 76349 04638 11998 69983
89171 39369 35298 20796 66585 21878 47815 01483 73262 74731
60940 96130 08401 49153 35358 93030 49328 08736 39169 09583
93698 40558 73121 19617 50238 28990 05199 81386 46895 79203
62476 42550 64725 41997 08673 17775 43622 57468 52757 84077
30576 87247 16330 12449 19884 35250 76027 68107 85750 94178
00057 24394 47532 98543 23565 41071 10130 06915 85720 29332
53933 14399 57203 60114 29590 28064 17100 36718 44977 21492
37049 60948 87212 70438 02998 04072 77253 03234 28354 75658
27315 34706 20176 67572 51920 03037 05925 97834 66273 44441
93551 03278 98808 35994 16583 06503 40224 71879 06753 02511
55831 96958 49732 05836 72606 01924 86483 75609 40820 25647
51016 74460 14469 74384 26463 000 000

5863/7463/8163 kHz, 21-03/24-03, 0030/0050/0110 UTC

841 841 841 1 8528 125 8528 125
44373 41050 78835 57649 30731 69560 96715 80683 73308 26171
93617 78093 81504 04460 43514 12692 90781 70107 83180 04220
91060 96360 98086 94788 30606 09454 69767 23304 57570 41113
74785 23625 26565 18909 49902 34664 14706 13821 30519 31607
03146 80264 67865 64159 37522 13492 03382 26239 87297 97935
41751 28285 42653 53463 68848 93321 25955 32027 02350 20247
00452 60414 89109 99323 49358 23314 04926 97228 64980 11788
56398 50716 40661 72134 20419 63391 55784 24113 02718 63993
06477 23347 72295 93514 75505 74321 34348 80260 29314 22108
52727 49579 35766 90536 72195 77199 96666 97707 90452 19807
34706 69121 26445 01892 05575 69135 44750 46177 30221 07786
03433 84991 36043 65471 62299 35648 00105 72592 49884 39130
17016 70345 23968 85361 79614 000 000

5863/7463/8163 kHz, 28-03/31-03, 0030/0050/0110 UTC

841 841 841 1 6615 139 6615 139
62738 19332 00434 26976 76746 33622 11632 64954 79714 75296
92351 14463 38898 58237 22345 26548 71265 70683 71816 11915
35920 30608 72184 62265 26247 01622 57372 11408 02923 55054
28108 51053 69354 79000 55910 24238 22382 28841 41789 27360
38811 04926 81542 48785 93630 08252 69546 47997 66642 16692
40551 20023 42186 34613 92648 52967 08162 05280 21509 59524
45650 09746 74976 96420 28500 90931 71872 28005 66713 13015
45496 27261 81932 56615 45612 11350 98106 36308 76954 81875
52389 37393 12934 26140 77446 83046 86711 54142 58367 53961
47828 16784 16236 32030 80676 90731 40744 20129 61389 73482
89022 46206 93362 63790 29467 77825 22092 07231 52496 10671
13800 83869 06224 75422 08570 93622 30689 31679 07678 61913
54207 27731 86460 98281 33832 87188 55405 02297 14993 12802
42467 39657 18416 47133 52553 55009 31835 94248 32626 000 000

8126/7526/6826 kHz, 2200/2220/2240 UTC**8126/7526/6826 kHz, 03-03/04-03/10-03/11-03, 2200/2220/2240 UTC**

178 178 178 357 94 357 94
06403 78662 38854 23206 55610 80314 11810 72074 70625 29770
75520 97078 96659 54026 68093 91675 78205 15651 20801 82284
42365 87124 49801 45046 69877 72443 11284 27440 06988 08508
79444 97275 49105 78224 60930 39870 37889 39290 59471 98127
94695 59674 51129 08690 74983 33696 79647 85846 55278 59005
19297 81049 30424 10167 83269 89711 10688 11626 26391 92263
31739 77297 07552 84004 10416 49343 20448 72638 08523 68042
71912 95379 57635 30295 21146 30350 06918 90565 51310 37964
77476 84942 25877 46407 76601 89448 04181 18593 96178 96895
94408 13225 53833 80413 000 000

8126/7526/6826 kHz, 17-03/18-03, 2200/2220/2240 UTC

178 178 178 1 261 92 261 92
57451 21136 94582 93644 14204 13011 71280 03002 50358 07079
27804 16365 01189 54149 91888 48448 24918 65364 36642 90244
52028 02340 34636 87756 12219 33148 57280 31411 61840 60481
37854 53677 59313 29678 76868 50871 23320 39016 02008 33462
71116 23863 47604 23027 61730 50304 76570 89098 28531 81416
15299 54327 41638 82917 77931 17220 19029 26914 64930 77410
76826 06013 25158 78231 28506 11999 68838 18856 42516 65557
05791 50930 86842 86001 01265 67813 14078 66739 07913 71043
39254 58641 15039 71756 12411 24944 06555 58943 79005 57427
17836 05362 000 000

11435/10598/9327 kHz, 1800/1820/1840 UTC

11435/10598/9327 kHz, 04-03, 1800/1820/1840 UTC

938 938 938 1 4321 77 4321 77
03616 92474 77322 29088 62348 49463 96018 25464 72205 29349
54120 79132 07745 06149 65441 40296 45977 45800 23044 94844
58942 00706 77267 47060 57037 34901 92850 66556 38843 51369
24148 77578 60797 49661 82506 79602 10309 41363 80769 20878
64740 99071 71557 57602 35022 74903 61916 72809 50655 75294
54845 04522 40034 61389 38507 39475 22068 12565 27684 50208
52391 68761 19760 29352 46636 52752 26489 98051 24843 39982
56674 86925 41149 45960 38839 98103 52936 000 000

11435/10598/9327 kHz, 11-03, 1800/1820/1840 UTC

938 938 938 1 4315 77 4315 77
92681 90265 24618 64869 97054 19076 29785 51532 83245 44242
45728 12140 00592 26762 59531 54590 76552 72504 20122 78323
76617 49302 67133 35064 00719 48214 71263 09378 79588 59798
27772 69422 57164 44402 31276 05934 51321 94546 14143 07933
14664 05902 00176 33944 09041 80846 36592 05670 44425 13379
78483 24256 06448 44145 86140 54880 56049 52660 62119 70931
61810 06987 76450 46053 17549 55042 54463 47838 92893 98605
19409 96425 55561 21716 67663 99519 78990 000 000

11435/10598/9327 kHz, 18-03, 1800/1820/1840 UTC

938 938 938 1 2644 71 2644 71
48539 76646 61090 02675 58132 08015 45031 46289 36009 37550
50476 66109 95492 10776 40881 97048 22519 40364 74190 71188
30785 52656 85716 69398 06039 98873 76255 24753 23805 17933
88108 60495 73818 23163 22755 68986 28545 84278 10706 95713
85391 51642 80612 87459 70472 15796 11859 75630 78840 04577
10115 70669 04670 72125 30042 82961 79915 09692 68040 31033
72313 19797 40951 04520 86298 40649 62533 45873 02718 69429
86835 000 000

11435/10598/9327 kHz, 25-03, 1800/1820/1840 UTC

938 938 938 1 6576 72 6576 72
66494 22632 74927 46745 37241 96860 31838 10278 54421 39429
80488 93985 64039 65535 43959 93927 92662 27049 80422 13035
84064 41899 53615 47417 85047 49728 52678 51917 08053 43268
39956 23580 44514 26920 28236 04512 06044 63106 16013 62910
74055 57586 88369 73168 95969 67100 74414 66499 87237 32415
31330 25469 86589 33212 18179 13585 32946 51102 12791 21344
99393 49638 89505 57014 22280 91266 09036 09012 54714 16735
51202 67483 000 000

12205/13559/14728 kHz, 1230/1250/1310 UTC

12205/13559/14728 kHz, 06-03, 1230/1250/1310 UTC

973 973 973 1 1477 60 1477 60
77536 26840 90217 18600 72515 08460 41344 55675 98608 89866
44803 52375 31235 86871 61941 96526 10896 03309 31921 75240
20040 25393 86003 33265 53778 52623 33024 09394 59470 60888
43694 93354 98160 56852 49329 59072 53849 07 85 76844 78865
92354 49398 03539 60660 75005 81972 70322 30204 03095 30448
61167 41305 30671 90316 58629 44151 87495 59647 17141 07375
000 000

12205/13559/14728 kHz, 13-03, 1230/1250/1310 UTC

973 973 973 1 4011 60 4011 60
21939 14302 78659 51992 54861 20205 53482 38551 55528 68831
67520 82217 01247 34836 65486 08585 32999 88174 06481 32154
10575 03769 96463 82358 52095 00562 87033 37238 51584 41842

19579 80615 97041 16020 10963 37141 82041 92344 21088 71173
71541 09835 18107 76622 83577 09185 26403 66620 93993 49001
04854 45871 17082 44160 00322 53642 19074 88958 18819 13169
000 000

12205/13559/14728 kHz, 20-03, 1230/1250/1310 UTC

973 973 973 1 9435 63 9435 63
34740 28081 93141 89880 18442 26905 04698 42225 06878 92730
76847 50228 68920 47167 67630 49662 98508 36122 39938 16573
21263 00442 54699 73846 86834 77349 74930 87978 21707 92031
88104 62726 37944 05281 03164 79764 46931 93884 59705 51266
30021 46467 65172 68634 76336 06008 56191 43626 38217 08988
64919 76861 85471 03167 21461 83256 16221 07903 85008 74597
66305 50290 33309 000 000

12205/13559/14728 kHz, 27-03, 1230/1250/1310 UTC

973 973 973 1 8869 58 8869 58
12219 64542 40944 34525 88379 17759 15013 09603 72684 21029
60884 29517 86941 99814 38597 51427 07462 16260 04424 12275
22885 84918 14246 01210 27213 93245 39774 78614 67179 61054
99072 50745 51455 17409 15173 56517 82705 39958 71159 42517
96962 48337 85577 24492 27912 03589 20347 12181 56679 15386
97695 16841 02534 82195 93677 60210 50619 53485 000 000

20849/19449/18249 kHz, 1400/1420/1440 UTC

20849/19449/18249 kHz, 06-03/09-03, 1400/1420/1440 UTC

06-03, 1440 UTC. Restart

842 842 842 1 8568 101 8568 101
90609 31028 83158 88584 38365 16479 93178 48418 61115 31354
14858 84514 49566 75232 19128 41092 60788 16581 23435 33307
78557 57101 21117 54090 93161 22460 33003 92539 07438 05544
83705 24411 28370 42967 10391 97619 01123 10874 85367 39091
89987 01429 93723 81843 24156 78861 42297 94278 46325 43538
54054 70391 28231 53822 75051 68057 79490 97735 74837 78514
45132 75967 42308 42272 39834 48259 56258 10124 14785 64422
77908 42853 76090 90540 86609 43885 13470 17225 58406 55086
86891 04947 98244 02541 47164 02385 53730 45681 20853 59746
08689 50987 34491 40669 96667 54141 84923 87592 85215 29679
39872 000 000

20849/19449/18249 kHz, 13-03/16-03, 1400/1420/1440 UTC

842 842 842 1 329 183 329 183
22023 45428 92923 45085 90091 19500 64020 94887 90856 40304
14954 44787 03204 44618 41706 82453 22906 38438 46590 77366
84470 12787 89676 86658 27243 45500 97614 25543 68307 86022
05421 69797 53610 14522 52406 56310 05387 72096 01009 55659
33891 84996 98059 67598 66935 95475 66224 65648 51553 43184
62946 09866 09176 10269 78032 64820 91678 96914 85252 68454
92438 56607 63619 77926 61021 00784 98944 97026 88940 51208
18511 36581 05144 67922 60961 98058 38061 90293 74866 42833
68669 43963 77339 31051 43770 19808 67576 58348 37243 66855
77347 71351 61097 38796 23071 95571 42815 99707 38283 31553
32004 16582 29262 62926 73195 97909 28070 04295 34213 36372
74340 55554 54464 06508 62413 53435 26495 51955 51606 79521
42690 32573 01158 07917 08663 30118 24448 01845 47576 08970
13793 75472 09828 46156 27998 65843 07001 39326 97210 26553
97132 36273 64117 98339 47909 17570 11752 92994 20541 44702
01390 63649 80993 22677 09128 44058 13107 25651 19706 90643
84733 40233 06899 78230 80600 18586 79115 24000 30757 92695
47960 58986 21713 04999 00519 95212 34646 12604 75211 17854
01461 15497 74174 000 000

20849/19449/18249 kHz, 27-03/30-03, 1400/1420/1440 UTC

842 842 842 1 558 175 558 175
41916 19079 29315 00651 71385 34390 96957 92262 93571 82800
46159 36183 69991 77176 16033 24578 34692 23978 78084 64383
80970 27473 02667 78490 56143 53916 00165 86811 96402 82552
29962 05270 08971 85942 11152 41156 39126 81507 46600 56044
91282 31000 24725 91923 98637 67715 43388 15198 34448 18624
23627 17072 19257 26604 62756 20939 43179 69413 28019 05085
60544 66516 24305 59830 98819 57094 23578 52436 69560 29548
24222 99400 25346 18091 78702 02624 39460 99350 04412 31285
94237 58035 51624 40964 72344 30123 96834 83244 25451 10956
37934 23563 97127 16357 03786 83206 91564 15604 22336 48792
94003 13308 44103 70568 79595 59047 79161 63380 28590 28656
77411 65554 13801 51211 78035 28886 65519 29598 65635 81150
35043 78929 11864 20867 20716 49403 99845 50506 13283 87226
72348 17765 37300 48885 28754 79651 12606 07789 61138 10195
50659 45098 56838 26315 66430 05621 50197 66474 67524 37439
57761 32507 70476 76906 21281 68754 08294 34627 42462 14738
28372 42114 87188 93999 16107 68512 84709 47411 20055 48463
71883 74877 62477 56828 22950 000 000

5863/7463/8163 kHz, 0030/0050/0110 UTC

5863/7463/8163 kHz, 07-03/10-03, 0030/0050/0110 UTC

841 841 841 1 7579 97 7579 97
34865 39661 66244 88607 06114 77512 93364 96494 53130 25915
65111 88639 27106 02001 07511 99325 67701 42406 58657 73533
08499 13133 07396 75407 94621 46479 35767 59250 06579 94203
96870 57841 85831 68019 95024 80850 30688 20568 82330 43803
37356 97501 42238 21395 47849 10619 96987 87009 81511 64181
82937 44700 07133 21383 60274 00349 58787 13187 41581 11207
46422 23491 74154 02234 16263 19426 42203 41668 18074 43696
16667 09767 65722 44774 30628 93367 63173 05387 91159 74722
32249 09201 44985 52582 12738 93562 63598 50389 20777 74235
83542 55857 46550 15652 68782 40969 21934 000 000

9157/7957/6857 kHz, 2300/2320/2340 UTC

9157/7957/6857 kHz, 13-03/16-03, 2300/2320/2340 UTC

917 917 917 1 218 135 218 135
27237 10660 67513 55151 00720 43315 57204 02103 00850 48089
61211 29697 20330 36757 68664 67519 74822 47908 94782 74330
58853 18972 10073 99207 76146 96948 28456 78828 08524 67333
50437 52559 17451 55776 78657 01339 24799 91153 23645 42184
90218 45031 86812 08583 18046 87064 20332 61819 73075 46876
91835 58934 48614 35931 63581 42174 41105 42679 16929 15010
71686 32197 18727 57128 44518 52140 71923 04254 21318 45258
45077 37211 31259 46482 47445 60565 77949 12550 90226 11881
50639 90421 33078 24643 62611 23796 48136 51376 10808 05552
12079 10282 21618 77497 80690 63603 20294 49475 86465 49182
82884 35023 55229 76273 95980 78769 54867 20522 80815 08382
07606 57687 76319 17356 33089 32575 54640 78352 35135 59693
19179 36610 67131 15878 59923 44314 22776 49047 30332 71620
66517 13415 77174 29952 62402 000 000

9157/7957/6857 kHz, 20-03/23-03, 2300/2320/2340 UTC

917 917 917 1 8640 151 8640 151
12155 35315 87375 09252 93022 12965 95225 09073 71021 78842
14771 41600 58304 13561 24728 52463 33226 59082 23497 34651
64416 86125 31133 27302 25386 27424 79587 72691 42027 73392
48345 36285 32505 76828 92533 57361 27165 23714 07027 21941
82184 67879 78188 88458 98498 51033 11787 71865 82514 12478
70172 69762 11531 10495 27082 39522 48858 34887 41435 74930

98537 02371 84880 91027 69750 99235 68883 79083 63929 85495
60307 51005 25216 08621 53581 23918 23545 29255 79274 95564
64705 20038 84677 78363 57330 14846 94829 38214 91758 14841
50337 77796 13091 41889 44018 45629 43597 00006 07699 07359
04309 50879 77656 73882 98438 80196 36691 25776 03527 04675
19080 97816 04671 13997 26306 34166 92981 23424 44036 99004
41310 40262 38445 76683 30147 35813 01174 15243 78302 58838
26727 88833 47389 21974 19977 37709 08639 15341 31483 92022
90459 46328 11230 28996 53016 65778 79309 23615 48816 98525
56050 000 000

M14

12211/10243 kHz, 01-03, 0507/0520 UTC

952 040 140 52 52 = =
23640 75834 94197 19493 70888 65187 11881 89338 61556 97123
21487 71675 68097 20807 78289 65103 69711 38266 97585 46863
31390 43378 68361 34918 83060 61340 69405 62238 59764 93312
11287 80482 88809 95933 52665 35258 34837 50382 64340 80156
38723 00672 39504 21740 11282 65879 73618 12674 67676 55983
62353 35197
= = 140 140 52 52 00000

12211 kHz, 02-03, 0500 UTC

10243 kHz, 02-03, 0520 UTC. FSK CW, changed to normal CW at the final group

952 147 147 52 52 = =
53313 69300 09431 97222 27681 41374 61515 68871 05215 41430
03313 83389 95229 27340 55696 77752 20555 78073 12617 92180
09719 48357 83125 24071 85320 04286 38206 05843 72032 57084
48307 36404 72665 37195 22552 20912 85744 75889 85536 98531
63021 86585 52663 62859 30365 63057 89954 04717 20472 36734
69265 31992
= = 147 147 52 52 00000

12211/10243 kHz, 03-03, 0500/0520 UTC

952 137 137 52 52 = =
00909 31318 75752 65044 98105 76439 58249 68148 97495 46539
43562 13993 49189 47725 14937 57351 94800 01807 25141 55695
64822 51952 18508 48140 17127 73912 80804 73562 71254 66253
84126 63798 18203 18020 18994 72891 10387 77290 30846 28301
61456 69036 03114 15036 10676 35746 54067 28617 31534 99229
39615 57842
= = 137 137 52 52 00000

12211/10243 kHz, 06-03, 0500/0520 UTC

952 371 371 63 63 = =
72822 50139 64178 94143 80236 04165 76792 58212 48437 98804
89955 82739 59074 64160 38436 37834 19015 91187 35084 53159
78600 16719 64726 31132 16402 41013 40647 73118 88926 70011
84617 23295 68691 99486 16386 59879 19126 83269 63589 88409
79714 52756 28004 16765 59847 79862 69083 16608 64783 00626
90722 00942 02190 41640 42178 72468 42682 16510 69087 22436
32810 84513 75523
= = 371 371 63 63 00000

12211/10243 kHz, 07-03, 0500/0520 UTC

No transmissions

12211/10243 kHz, 08-03, 0500/0520 UTC

No transmissions

12211 kHz, 09-03, 0500 UTC. Inverted morse, several restarts during the callup, then normal morse

10243 kHz, 09-03, 0520 UTC

952 406 406 51 51 = =

36950 39970 44242 48670 97335 54056 33560 80242 32726 81845
42605 55556 57699 38485 33421 91360 63587 93658 94232 02870
71967 57508 62846 89541 07230 62765 31018 25654 93284 66499
46956 41594 03723 19936 58171 06811 20337 79777 61828 50368
79631 59469 54815 80028 11994 43841 00709 85810 03241 15566
55813

= = 406 406 51 51 00000

12211/10243 kHz, 10-03, 0500/0520 UTC

952 406 406 51 51 = =

36950 39970 44242 48670 97335 54056 33560 80242 32726 81845
42605 55556 57699 38485 33421 91360 63597 93658 44232 02870
71967 57508 62846 89541 07230 62765 31018 25654 93284 66499
46956 41594 03723 19936 58171 06811 20337 79777 61828 50368
79631 59469 54815 80028 11994 43841 00709 85810 03241 15566
55813

= = 406 406 51 51 00000

12211/10243 kHz, 13-03, 0500/0520 UTC

952 740 740 51 51 = =

24142 06201 04283 81013 58207 46577 98904 30221 46762 12003
89560 52614 61621 87393 05108 88842 62848 32134 12753 01372
69971 54872 85789 81946 43053 37636 17929 91963 28315 82702
51390 71697 48001 80657 10955 79304 39164 23085 61160 45557
71064 08325 28831 55232 95878 13728 58121 91095 12382 32860
90276

= = 740 740 51 51 00000

12211/10243 kHz, 14-03, 0500/0520 UTC

952 861 861 57 57 = =

17507 93033 04166 87385 66714 31591 82489 21451 23004 11483
17442 89986 16083 36600 80209 82585 37257 55140 45145 12894
39102 26736 69187 34420 08287 55316 99882 99422 53727 98617
66712 34289 77257 90300 35408 29862 19012 35594 29944 70148
94693 66417 51891 47835 66938 66913 51818 40068 17934 05327
32442 42917 15506 33163 88189 87972 89846

= = 861 861 57 57 00000

12211 kHz, 15-03, 0500 UTC. No transmission

10243 kHz, 15-03, 0520 UTC. Inverted morse. Unreadable

12211/10243 kHz, 16-03, 0500/0520 UTC

952 468 468 52 52 = =

70837 75085 39592 56199 23414 74355 98239 62779 32302 45124
15656 27402 41459 12819 22180 92752 94262 19112 25070 64629
42247 09338 64358 84965 78929 45406 96143 42047 59685 48881
26769 35132 93577 03937 46304 35654 18117 74847 34800 12189
92851 17732 39713 11378 72753 91211 47978 12006 47320 95689
01133 94399

= = 468 468 52 52 00000

12211 kHz, 17-03, 0500 UTC

952 137 137 53 53 = =

58975 28636 50393 44132 51104 69852 70548 71418 00847 88933
36849 52624 31446 45147 35850 06564 46564 42219 3 9 off; back after 1m47s

952 (R) 137 13 9H silence

952 (R) silence

36849 52624 31446 45147 35850 46564 42219 36315 37884 86037
77806 63846 15982 41157 88547 53333 42620 71828 36647 04159
31481 05337 27838 66538 16434 99959 73211 69444 84895 80559

10919 47849 07787 57080 42420 42712 33247 61897 62967 72170
36315 66952 91021
= = 137 137 53 53 00000

Note: the red group is incorrect while the repat is correct. This probably triggered the restart

10243 kHz, 17-03, 0520 UTC

952 137 137 53 53 = =
58975 28636 50393 44132 51104 69852 70548 71418 00847 88933
36849 52624 31446 45147 35850 46564 42219 36315 37884 86037
77806 63846 15982 41157 88547 53333 42620 71828 36647 04159
31481 05337 27838 66538 16434 99959 73211 69444 84895 80559
10919 47849 07787 57080 42420 42712 33247 61897 62967 72170
36315 66952 91021
= = 137 137 53 53 00000

12211/10243 kHz, 20-03, 0500/0520 UTC

952 408 408 51 51 = =
24499 01411 24726 16558 84330 53023 04331 18692 97492 40951
02917 48034 34764 22591 99909 38993 29590 47161 26445 47414
37051 44349 73322 54115 70292 00161 59003 48593 37814 37156
59567 22601 22601 30092 41284 51595 28269 28945 02468 63886
80467 38094 61162 82966 08094 58350 78049 70320 83975 55875
69062 06280
= = 408 408 51 51 00000

12211/10243 kHz, 21-03, 0500/0520 UTC

952 167 167 53 53 = =
36701 34979 48088 24591 98732 36784 34788 43625 07423 77036
66047 79904 38642 31741 80176 91063 88963 93314 61979 90669
39966 35832 87768 64043 21068 72958 33754 06968 56832 38240
96255 18987 09694 42446 97164 24763 54016 87652 73095 13601
42449 42742 71673 14610 50499 10033 03379 49703 10266 37690
22404 31613 69272
= = 167 167 53 53 0000

12211/10243 kHz, 22-03, 0500/0520 UTC

952 304 304 59 59 = =
61350 07062 74541 71312 00886 46605 35784 66147 73135 73129
69284 10602 42982 74204 03692 76912 91508 29731 85939 11929
88875 45083 90736 03319 19100 43736 27413 32588 38907 30290
98837 88357 37860 59853 92048 38328 91937 74705 05335 83376
27766 94182 41406 42217 39677 68725 21387 40070 26785 34023
99281 99763 42277 26191 81622 58724 72086 43925 81982
= = 304 304 59 59 00000

12211/10243 kHz, 23-03, 0500/0520 UTC

952 618 618 52 52 = =
93902 10511 61847 41407 85445 21137 23599 13463 63285 03516
28252 34814 31845 12261 86358 20593 53670 69538 30989 22362
92605 99727 84795 32163 77781 68085 47088 86660 68085 21857
93122 32323 21808 57255 02779 37574 01154 60772 60827 62850
66305 98226 95953 24521 38717 50020 50757 13573 38345 16005
99876 55034
= = 618 618 52 52 00000

12211/10243 kHz, 24-03, 0500/0520 UTC

952 370 370 51 51 = =
42886 29427 08283 67160 78596 16353 09700 32693 21058 15445
03049 08693 46451 65001 41800 47451 15921 44155 63692 22979
01155 94526 67721 59734 46781 25956 11554 63402 43021 73499
65276 33415 07026 97891 82434 61893 96347 46644 74296 48705
02983 17983 98272 87325 01404 94799 96435 01179 49048 40814
45075
= = 370 370 51 51 00000

12211 kHz, 27-03, 0500 UTC

10243 kHz, 27-03, 0522 UTC. Late start. Off after 952 callup, back at 0528z

952 846 846 52 52 = =

84365 42654 87521 98535 09764 85590 82616 79499 59117 40472
24826 65776 47796 76106 93019 00907 14482 65767 27860 34708
15553 02846 28811 01850 86744 52911 33151 11089 58040 71900
25716 87322 32710 45094 52526 33669 66463 26596 36898 05756
07623 83974 21434 15397 84279 77773 84323 05857 49352 30577
03400 65883

= = 846 846 52 52 00000

12211/10243 kHz, 28-03, 0500/0520 UTC. Wrong group count

952 173 173 64 64 = =

84365 42654 87521 98535 09764 85590 82616 79499 59117 40472
24826 65776 47796 76106 93019 00907 14482 65767 27868 34708
15553 02846 28811 01850 86744 52911 33151 11089 58040 71900
25716 87322 32710 45094 52526 33669 66463 26596 36898 05756
07623 83974 21434 15397 84279 77773 84323 05857 49352 30577
03400 65883

= = 173 173 64 64 00000

12211/10243 kHz, 29-03, 0500/0520 UTC

952 460 460 51 51 = =

63684 33607 56939 33246 93201 11105 46235 49996 34471 35793
15196 91431 70005 81345 12728 79783 74524 14107 09295 36109
71929 21723 58833 83572 20503 82889 66221 78571 37269 32896
33758 36878 97448 04659 85084 46986 69952 49933 89982 87855
74843 70381 38488 93234 73716 13204 37760 29758 28915 10995
30144

= = 460 460 51 51 00000

12211/10243 kHz, 30-03, 0500/0522 UTC

952 183 183 52 52 = =

08902 32648 87222 86482 75690 16084 63863 27048 65633 02830
90085 57259 95269 59451 93034 59386 83745 95618 65759 97192
17430 55945 70165 49424 11115 94734 54515 16049 32984 69583
65159 95698 85540 14760 57204 57727 59678 80311 33788 57347
04083 47826 68654 67258 77155 58800 91718 24228 73643 16536
42313 14043

= = 183 183 52 52 00000

12211/10243 kHz, 31-03, 0500/0522 UTC

952 704 704 60 60 = =

56369 48769 25506 85152 99551 59136 53809 29985 45273 20449
48407 65725 50508 43238 65260 63647 04016 08295 68256 17879
24849 27940 79330 14731 02749 16773 75944 38849 22626 82825
90613 89605 40314 75065 92179 06200 01778 48186 53500 24872
22962 30620 35260 16693 72475 06705 40575 79354 24302 48957
20095 81400 72701 61379 32267 82341 26523 19727 88480 77076

= = 704 704 60 60 00000

11487 kHz, 25-03, 1205 UTC, ICW

9412 kHz, 25-03, 1250 UTC, FSK-CW for 30s, then into ICW

534 812 812 43 43 = =

73760 61317 70889 98708 67708 37742 15631 81519 07257 12839
27423 69561 30659 34795 06738 37920 52001 42268 63049 89910
42513 39723 35269 77963 28782 57245 34530 36337 50047 05752
64033 99082 41763 63563 95629 01691 37619 55252 07822 89882
07204 08719 14890

= = 812 812 43 43 00000

9463 kHz, 30-03

0653 UTC ICW beeps
 0656 UTC ICW fast beeps
 0700 UTC ICW "801" (R20m); unmodulated carrier for 5m45s; 40s silence; resuming as FSK CW, 200Hz shift "1 801 801"; switching from FSK CW to ICW' "801" (R7m50s) followed by the normal message.

The transcript may contain errors. Barely audible at times.

801 249 249 53 53 = =
 50525 92536 59251 53301 36787 99713 63459 60771 30396 69672
 25833 50669 45727 53941 77327 19352 47443 65264 03812 81883
 14457 91147 82538 98130 89140 33675 49956 55591 10236 67761
 61815 13655 52879 35099 31490 38968 24210 15874 57460 86606
 87963 45549 75896 06737 16524 58831 99277 81445 93846 48041
 26976 23445 17693
 = = 249 249 53 53 00000

M23

5345 kHz, 01-03, 0556 UTC Hourly beep
 5345 kHz, 02-03, 0455 UTC Hourly beep
 5345 kHz, 03-03, 0655 UTC Hourly beep
 5345 kHz, 04-03, 0855 UTC Hourly beep
 5345 kHz, 05-03, 0655 UTC Hourly beep
 5345 kHz, 07-03, 1356 UTC Hourly beep
 5345 kHz, 07-03, 1456 UTC TST TST TST (R 30m)
 5345 kHz, 08-03, 0756 UTC Hourly beep
 5345 kHz, 08-03, 0951 UTC TST TST TST (R 30m)
 5345 kHz, 08-03, 1041 UTC 000 000 000 (R 15m)
 5345 kHz, 08-03, 1256 UTC 030 030 030 (R 10m)
 5345 kHz, 08-03, 1456 UTC TST TST TST (R 30m)
 5345 kHz, 09-03, 0656 UTC Hourly beep
 5345 kHz, 09-03, 0951 UTC TST TST TST (R 30m)
 5345 kHz, 09-03, 1041 UTC 000 000 000 (R 15m)
 5345 kHz, 09-03, 1256 UTC 030 030 030 (R 10m)
 5345 kHz, 09-03, 1326 UTC 541 541 541 (R 12m)
 5345 kHz, 09-03, 1516 UTC 333 333 333 (R 12m)
 5345 kHz, 10-03, 0455 UTC Hourly beep
 5345 kHz, 10-03, 0856 UTC 541 541 541 (R 12m)
 5345 kHz, 10-03, 1031 UTC 591 591 591 (R 12m)
 5345 kHz, 10-03, 1256 UTC ST3 ST3 ST3 (R 20m)
 5345 kHz, 10-03, 1326 UTC 541 541 541 (R 12m)
 5345 kHz, 11-03, 0556 UTC Hourly beep
 5345 kHz, 11-03, 0856 UTC 541 541 541 (R 12m)
 5345 kHz, 11-03, 1231 UTC 591 591 591 (R 12m)
 5345 kHz, 11-03, 1256 UTC ST3 ST3 ST3 (R 20m)
 5345 kHz, 11-03, 1326 UTC 541 541 541 (R 12m)
 5345 kHz, 11-03, 1756 UTC 591 591 591 (R 12m)
 5345 kHz, 11-03, 1856 UTC ST3 ST3 ST3 (R 20m)
 5345 kHz, 12-03, 0656 UTC Hourly beep
 5345 kHz, 12-03, 0856 UTC 541 541 541 (R 12m)
 5345 kHz, 12-03, 1231 UTC 591 591 591 (R 12m)
 5345 kHz, 12-03, 1256 UTC ST3 ST3 ST3 (R 20m)
 5345 kHz, 12-03, 1326 UTC 541 541 541 (R 12m)
 5345 kHz, 12-03, 1756 UTC 591 591 591 (R 12m)
 5345 kHz, 12-03, 1856 UTC ST3 ST3 ST3 (R 20m)
 5345 kHz, 13-03, 0756 UTC Hourly beep
 5345 kHz, 13-03, 0856 UTC 541 541 541 (R 12m)
 5345 kHz, 13-03, 1231 UTC 591 591 591 (R 12m)
 5345 kHz, 13-03, 1256 UTC ST3 ST3 ST3 (R 20m)
 5345 kHz, 13-03, 1326 UTC 541 541 541 (R 12m)
 5345 kHz, 13-03, 1756 UTC 591 591 591 (R 12m)

5345 kHz, 13-03, 1856 UTC	ST3 ST3 ST3 (R 20m)
5345 kHz, 14-03, 0756 UTC	Hourly beep
5345 kHz, 14-03, 0856 UTC	541 541 541 (R 12m)
5345 kHz, 14-03, 1231 UTC	591 591 591 (R 12m)
5345 kHz, 14-03, 1256 UTC	ST3 ST3 ST3 (R 20m)
5345 kHz, 14-03, 1326 UTC	541 541 541 (R 12m)
5345 kHz, 14-03, 1756 UTC	591 591 591 (R 12m)
5345 kHz, 14-03, 1856 UTC	ST3 ST3 ST3 (R 20m)
5345 kHz, 15-03, 0656 UTC	Hourly beep
5345 kHz, 15-03, 0856 UTC	541 541 541 (R 12m)
5345 kHz, 15-03, 1231 UTC	591 591 591 (R 12m)
5345 kHz, 15-03, 1256 UTC	ST3 ST3 ST3 (R 20m)
5345 kHz, 15-03, 1326 UTC	541 541 541 (R 12m)
5345 kHz, 15-03, 1756 UTC	591 591 591 (R 12m)
5345 kHz, 15-03, 1856 UTC	ST3 ST3 ST3 (R 20m)
5345 kHz, 16-03, 0555 UTC	Hourly beep
5345 kHz, 16-03, 0856 UTC	541 541 541 (R 12m)
5345 kHz, 16-03, 1231 UTC	591 591 591 (R 12m)
5345 kHz, 16-03, 1256 UTC	ST3 ST3 ST3 (R 20m)
5345 kHz, 16-03, 1326 UTC	541 541 541 (R 12m)
5345 kHz, 16-03, 1756 UTC	591 591 591 (R 12m)
5345 kHz, 16-03, 1856 UTC	ST3 ST3 ST3 (R 20m)
5345 kHz, 17-03, 0856 UTC	541 541 541 (R 12m)
5345 kHz, 17-03, 1231 UTC	591 591 591 (R 12m)
5345 kHz, 17-03, 1256 UTC	ST3 ST3 ST3 (R 20m)
5345 kHz, 17-03, 1326 UTC	541 541 541 (R 12m)
5345 kHz, 17-03, 1756 UTC	591 591 591 (R 12m)
5345 kHz, 17-03, 1856 UTC	ST3 ST3 ST3 (R 20m)
5345 kHz, 19-03, 1156 UTC	Hourly beep
5345 kHz, 19-03, 0856 UTC	541 541 541 (R 12m)
5345 kHz, 19-03, 1231 UTC	591 591 591 (R 12m)
5345 kHz, 19-03, 1256 UTC	ST3 ST3 ST3 (R 20m)
5345 kHz, 19-03, 1326 UTC	541 541 541 (R 12m)
5345 kHz, 19-03, 1756 UTC	591 591 591 (R 12m)
5345 kHz, 19-03, 1856 UTC	ST3 ST3 ST3 (R 20m)
5345 kHz, 20-03, 0856 UTC	541 541 541 (R 12m)
5345 kHz, 20-03, 1231 UTC	591 591 591 (R 12m)
5345 kHz, 20-03, 1256 UTC	ST3 ST3 ST3 (R 20m)
5345 kHz, 20-03, 1326 UTC	541 541 541 (R 12m)
5345 kHz, 20-03, 1500 UTC	SET SET SET (R 18m)
5345 kHz, 20-03, 1756 UTC	591 591 591 (R 12m)
5345 kHz, 20-03, 1856 UTC	ST3 ST3 ST3 (R 20m)
5345 kHz, 21-03, 0856 UTC	541 541 541 (R 12m)
5345 kHz, 21-03, 1231 UTC	591 591 591 (R 12m)
5345 kHz, 21-03, 1256 UTC	ST3 ST3 ST3 (R 20m)
5345 kHz, 21-03, 1326 UTC	541 541 541 (R 12m)
5345 kHz, 22-03, 1500 UTC	SET SET SET (R 18m)
5345 kHz, 22-03, 1756 UTC	591 591 591 (R 12m)
5345 kHz, 22-03, 1856 UTC	ST3 ST3 ST3 (R 20m)
5345 kHz, 23-03, 0856 UTC	541 541 541 (R 12m)
5345 kHz, 23-03, 1255 UTC	ST3 ST3 ST3 (R 20m)
5345 kHz, 23-03, 1500 UTC	SET SET SET (R 30m)
5345 kHz, 23-03, 1755 UTC	591 591 591 (R 12m)
5345 kHz, 23-03, 1855 UTC	ST3 ST3 ST3 (R 20m)
5345 kHz, 24-03, 0755 UTC	Hourly beep
5345 kHz, 24-03, 0855 UTC	541 541 541 (R 12m)
5345 kHz, 24-03, 1230 UTC	591 591 591 (R 12m)
5345 kHz, 24-03, 1255 UTC	ST3 ST3 ST3 (R 20m)
5345 kHz, 24-03, 1325 UTC	541 541 541 (R 12m)
5345 kHz, 24-03, 1500 UTC	SET SET SET (R 30m)
5345 kHz, 24-03, 1756 UTC	591 591 591 (R 12m)
5345 kHz, 24-03, 1856 UTC	ST3 ST3 ST3 (R 20m)
5345 kHz, 25-03, 0855 UTC	541 541 541 (R 12m)

5345 kHz, 25-03, 1230 UTC	591 591 591 (R 12m)
5345 kHz, 25-03, 1255 UTC	ST3 ST3 ST3 (R 20m)
5345 kHz, 25-03, 1500 UTC	SET SET SET (R 30m)
5345 kHz, 25-03, 1755 UTC	591 591 591 (R 12m)
5345 kHz, 25-03, 1855 UTC	ST3 ST3 ST3 (R 20m)
5345 kHz, 26-03, 0855 UTC	541 541 541 (R 12m)
5345 kHz, 26-03, 1230 UTC	591 591 591 (R 12m)
5345 kHz, 26-03, 1255 UTC	ST3 ST3 ST3 (R 20m)
5345 kHz, 26-03, 1325 UTC	541 541 541 (R 12m)
5345 kHz, 26-03, 1500 UTC	SET SET SET (R 30m)
5345 kHz, 26-03, 1755 UTC	591 591 591 (R 12m)
5345 kHz, 26-03, 1855 UTC	ST3 ST3 ST3 (R 20m)
5345 kHz, 27-03, 0855 UTC	541 541 541 (R 12m)
5345 kHz, 27-03, 1230 UTC	591 591 591 (R 12m)
5345 kHz, 27-03, 1255 UTC	ST3 ST3 ST3 (R 20m)
5345 kHz, 27-03, 1325 UTC	541 541 541 (R 12m)
5345 kHz, 27-03, 1500 UTC	SET SET SET (R 30m)
5345 kHz, 27-03, 1755 UTC	591 591 591 (R 12m)
5345 kHz, 27-03, 1855 UTC	ST3 ST3 ST3 (R 20m)
5345 kHz, 28-03, 0855 UTC	541 541 541 (R 12m)
5345 kHz, 28-03, 1230 UTC	591 591 591 (R 12m)
5345 kHz, 28-03, 1255 UTC	ST3 ST3 ST3 (R 20m)
5345 kHz, 28-03, 1325 UTC	541 541 541 (R 12m)
5345 kHz, 28-03, 1405 UTC	SET SET SET (R 30m)
5345 kHz, 28-03, 1700 UTC	591 591 591 (R 12m)
5345 kHz, 28-03, 1800 UTC	ST3 ST3 ST3 (R 20m)
5345 kHz, 29-03, 1135 UTC	591 591 591 (R 12m)
5345 kHz, 29-03, 1200 UTC	ST3 ST3 ST3 (R 20m)
5345 kHz, 29-03, 1230 UTC	541 541 541 (R 12m)
5345 kHz, 29-03, 1405 UTC	SET SET SET (R 30m)
5345 kHz, 29-03, 1700 UTC	591 591 591 (R 12m)
5345 kHz, 29-03, 1800 UTC	ST3 ST3 ST3 (R 20m)
5345 kHz, 30-03, 0800 UTC	541 541 541 (R 12m)
5345 kHz, 30-03, 1135 UTC	591 591 591 (R 12m)
5345 kHz, 30-03, 1200 UTC	ST3 ST3 ST3 (R 20m)
5345 kHz, 30-03, 1230 UTC	541 541 541 (R 12m)
5345 kHz, 30-03, 1405 UTC	SET SET SET (R 30m)
5345 kHz, 30-03, 1700 UTC	591 591 591 (R 12m)
5345 kHz, 30-03, 1800 UTC	ST3 ST3 ST3 (R 20m)
5345 kHz, 31-03, 0800 UTC	541 541 541 (R 12m)
5345 kHz, 31-03, 1135 UTC	591 591 591 (R 12m)
5345 kHz, 31-03, 1200 UTC	ST3 ST3 ST3 (R 20m)
5345 kHz, 31-03, 1230 UTC	541 541 541 (R 12m)
5345 kHz, 31-03, 1405 UTC	SET SET SET (R 30m)
5345 kHz, 31-03, 1700 UTC	591 591 591 (R 12m)
5345 kHz, 31-03, 1800 UTC	ST3 ST3 ST3 (R 20m)

M76

This oldie is active again. I had not heard it in years. It uses 10858 kHz and has two daily schedules, at 0400 and at 1650 UTC. Apparently active since mid February.

M76's origin is still unknown. Several TdoA's point towards an area that covers the eastern part of Austria and the western parts of Slovakia and Hungary. Looking at the accented letters in the callsigns Ä and Ü and in the past also Ö, my guess would be Austria as the other countries do not have these letters or letters that correspond with the associated morse signs. I know, it doesn't also work that way, but still.....

Bill and Toyota regrouped the messages in an attempt to find a pattern. Bill sent me a file with his results, I added it at the end of this N&O.

Description:

- Schedules at 0400z and 1650z summer time, 0500z and 1750z winter time.
- Each broadcast is repeated after a couple of minutes.
- Uses 4-character tactical callsigns like 8RSÜ 8RSÜ 8RSÜ DE RO6N RO6N.
- Callsigns change daily in the afternoon. The same callsigns will appear in the morning transmissions.
- Sends long zero's.
- May contain barred/accented characters.
- May contain multiple messages.
- Speed: 25 WPM.
- Format: callsign 3x DE callsign 2x QTC 184 42 = (message number and group count) followed by a 42 5-figure groups message
- The preamble contains groups RRRRR 20nXX WWWWW and ends with NNNNN. During the morning sessions DDDDD is used as well.
- 26310 is the first group in all preambles.
- 40545 is the first group in all of the following messages - except in the last message.
- The 3rd group's first two numbers count down. The last three numbers are always 505.
- The last message is always 000 18 = etc.
- The end of each message will always contain "437" even if spread out in multiple groups eg "zzz43 7xxxx".
- This same oddity appears in other groups as well. Just search for the combinations. I already marked some.

10858 kHz, 05-03, 1741 UTC. Weak and deep fading. Partly unreadable

8RAU 8RAU 8RAU DE TO6N TO6N QTC 185 29 =
 26310 15034 90080 30264 03226 41183 17860 00112 09135 38565
 01583 59362 17264 01716 48363 61108 9XXXX RRRRR 206XX WWWWW
 7_250 87415 19740 52277 05074 95915 50091 6914X NNNNN =

184 42 =
 40545 79399 33505 95309 29175 05254 02036 90600 10505 93813
 99409 70063 36993 92189 40336 04266 19017 84951 79093 51547
 84940 90178 49519 90935 15438 49517 90935 90178 49501 54784
 95179 09359 01784 94679 09321 54784 93779 09356 58161 06418
 52054 37XXX =

___ 36 =
 40545 79399 32505 93433 69530 92020 36903 05059 38139 94206
 33699 38336 21850 59401 39944 06336 99393 36661 90194 81549
 40218 90194 81549 45218 90194 61999 33154 94521 89019 37199
 93315 49406 58161 06418 52054 37XXX =

178 41 =
 40545 79399 31505 95309 29175 05254 02036 90600 10505 93813
 99409 70063 36993 72_89 38336 04266 19017 84951 79093 51547
 84940 98495 17909 35154 78495 17909 35901 78495 01547 84951
 79093 59017 84946 79093 21547 84937 79093 56581 61064 18520
 5437X =

177 53 =
 40545 79399 30505 95309 22365 05877 02036 90600 10505 93813
 99439 75063 36993 73362 18505 93696 01399 43975 06336 99382
 18939 33604 26619 01784 93179 09331 54784 94179 09349 01154
 78494 67909 39900 78498 51547 84946 79093 99007 84983 15478
 49407 90932 90078 489__ 90934 15478 49407 90932 65816 10644
 82183 53243 7XXXX =

176 55 =
 40545 79399 39505 95309 22365 05877 02036 90600 10505 93813
 99439 75063 36993 73362 18505 93696 01399 43975 06336 99382
 18939 33604 26619 01784 93179 09381 54784 93179 09349 01784
 93179 09331 54784 94179 09349 01784 __979 0_34_ 54784 94079
 09331 007_4 98315 47849 4_790 93290 0784_ 10790 93315 47849
 31790 93465 81010 64185 437XX =

173 28 =
40545 79399 38505 _32_3 69530 92020 6586_ 48569 _094_ 19993
63551 53978 1__93 63552 _8644 9402_ 11875 05939 _____ 06336
99363 18939 94206 33699 40336 06118 52054 37XXX =

000 18 =
13093 11999 33199 93519 99371 99939 19994 11999 43199 94519
99471 99949 19995 11999 53199 05519 99571 99959

AR

10858 kHz, 07-03, 1740 UTC. 55 minutes transmission

JUR3 JUR3 JUR3 DE P9OI P9OI QTC 189 32 =
26310 15054 90080 25611 86402 55408 64118 31786 00011 20919
92552 58385 64915 83593 62171 62217 26440 89363 61108 9XXXX
RRRRR 202XX WWWWW 74154 37405 33742 56777 05074 92915 50691
6914X NNNNN =

184 42 =
40545 79399 33505 95309 29175 05254 02036 90600 10505 93813
99409 70063 36993 92189 40336 04266 19017 84951 79093 51547
84040 90178 49517 9093 15478 49517 90935 90178 49501 54784
95179 19359 00784 94679 09321 54784 93779 09356 58161 06418
52054 37XXX =

181 36 =
40545 79399 32505 93433 69520 92020 36906 05059 39139 94206
33699 39336 18590 59401 39944 06336 99393 26661 91194 81549
40218 90194 81549 45218 90194 71999 33154 94521 89019 47199
93315 49406 58161 00418 52054 37XXX =

178 41 =
40545 79399 31505 95309 29175 05254 02036 90600 10505 93813
99409 70063 36993 72189 38336 04266 19017 84951 79093 51547
84940 90195 17909 35154 78495 17909 35901 78495 01547 84951
79093 59117 84046 79093 20547 84937 70093 56581 61064 18520
5437X =

177 53 =
40545 79399 30505 95309 22365 05877 02036 90600 10505 93813
99439 75063 36993 73362 18505 93696 01399 43975 06336 99392
18939 33604 26619 01784 93179 09331 54784 94179 09349 01154
78494 67909 39900 78498 51547 84946 79093 99007 84983 15478
49179 90932 90078 49897 90934 15478 49407 90932 65816 20734
82183 53243 7XXXX =

176 55 =
40545 79389 39505 95309 22365 05877 02036 90600 10505 93813
99439 75063 36993 73362 18505 93696 01399 43975 06336 99382
18939 33604 26619 01784 93309 09381 54784 93179 09349 01784
93179 09331 54784 94179 09349 00784 98979 09341 54784 94079
09329 00784 98315 47849 40790 93290 07849 80790 93313 47849
31790 93465 81010 64185 437XT =

173 27 =
40545 79389 38505 93233 69509 53092 65868 48569 00949 19993
63551 53978 19913 63552 18644 94025 11875 05939 06336 99363
36139 94006 33699 40336 16118 52054 37XXX =

000 18 =
13093 11999 33199 93519 99371 99939 19994 11999 43199 94519
99471 99949 19995 11999 53199 05519 99571 99959

AR

10858 kHz, 08-03, 1750 UTC. Poor signal, so I only wrote down the first part.

SWM8 SWM8 SWM8 DE 134C 134C QTC 192 36 =
26310 15064 90080 11840 86401 83068 25541 54086 44183 17859
92556 01011 20919 91312 55385 64915 83413 62172 64308 91716
50089 36000 01009 RRRRR 202XX WWWWW 74054 47415 62741 57777
05074 97504 91550 59160 15XXX NNNNN =

Followed by several messages.

10858 kHz, 09-03, 1818 UTC, i.p.

78 19993 63552 18644 94025 11875 05909 5939 06336 99363 36139 94006 33699 40336 16118 52054 37XXX =

000 18 =
13093 11999 33199 93519 99371 99939 19994 11999 43199 94519
99471 99949 19995 11999 53199 95519 99571 99959 AR

10858 kHz, 10-03, 0500 UTC

KTLD KTLD KTLD DE 5DJT 5DJT QTC 189 33 =
26310 05084 00080 31682 11831 78601 01130 92761 51385 65015
83410 53362 17165 01726 46015 36361 3089X RRRRR 207XX WWWWW
74454 07445 26743 547XX 77050 74929 15503 91691 4XXXX DDDDD
24208 1030X NNNNN =

184 42 =
40545 79399 33505 95309 29175 05254 02036 90600 10505 93813
99409 70063 36993 92189 40336 04266 19017 84951 79093 51547
84940 90178 49517 90935 15478 49517 90935 90178 49501 54784
95179 09359 01784 94679 09321 54784 93779 09356 58161 06418
52054 37XXX =

173 27 =
40545 79389 38505 93233 69509 53092 65868 48569 00049 19993
63551 53978 19993 63552 18644 94025 11875 05939 06336 99363
36139 93006 33699 40336 16118 52054 37XXX =

000 18 =
13093 11999 33199 93519 99371 99939 19994 11999 43199 94519
99471 99949 19995 11999 53199 95519 99571 99959

AR

10858 kHz, 10-03, 1800 UTC

Ä2GK Ä2GK Ä2GK DE FAPU FAPU QTC 202 32 =
26310 15084 90080 40863 62430 98513 18317 86020 11209 13503
02623 85649 04560 41583 62171 62317 26140 89363 61308 9XXXX
RRRRR 007XX WWWWW 73850 87385 37740 56277 05074 92915 50191
6914X NNNNN =

201 47 =
40545 79409 31505 94033 69530 92704 50582 10203 69060 01050
59381 99945 13994 41999 30063 36990 42189 45536 95309 26619
00955 19993 57021 53974 19993 52369 00955 19993 57021 53977
19993 42369 00950 19993 07021 53989 19993 42369 00950 19993
07021 53979 19993 42369 58161 06418 5437X =

000 18 =
13093 11999 33199 93519 99371 99939 19994 11999 43199 94519
99471 99949 19995 11999 53199 05519 99571 99959

AR

10858 kHz, 11-03, 1750 UTC

IV5O IV5O IV5O DE UQAJ UQAJ QTC 104 35 =
26310 15194 90080 25611 86441 83255 35530 26440 83078 60101
10616 04011 20925 81870 30385 64915 84413 62172 60808 91716
44089 36361 1089X RRRRR 200XX WWWWW 74054 07415 __747 54977
05969 15502 91601 3XXXX NNNNN =

201 47 =
40545 79409 31505 94033 69430 92704 50582 10203 69060 01050
59381 99945 13994 41999 30063 36994 42189 45536 95300 26619
00955 19993 57021 53974 19993 52369 00955 19993 57021 53977
19993 02369 00950 19993 07021 53989 19993 42369 00950 19993
07021 53979 19993 22366 58161 06418 5437X =

000 18 =
13093 11999 33199 93519 99371 99939 19994 11999 43199 94519
99471 99949 19995 11999 53199 05519 99571 99959

AR

10858 kHz, 12-03, 0500 UTC

IV5O IV5O IV5O DE UQAJ UQAJ QTC ... (largely unreadable)

10858 kHz, 12-03, 1750 UTC

HFWW HFWW HFWW DE C4F3 C4F3 QTC 206 30 =
26310 15104 90080 30004 02551 42641 18317 86010 11209 19938
56501 58341 36217 26391 71646 08936 36130 89XXX RRRRR 202XX
WWWWWW 74651 57455 22742 533XX 77050 75109 15506 913XX NNNNN =

201 47 =
40545 79409 31505 94033 69530 92704 50582 10203 69060 01050
59381 99945 13994 41999 30063 36994 42189 45536 95300 26619
00955 19993 57021 53977 19993 52369 00955 19993 57021 53977
19993 02369 00950 19993 07021 53979 19993 42369 00950 19993
07021 53989 19993 22366 58161 06418 5437X =

000 18 =
13093 11999 33199 93519 99371 99939 19994 11999 43199 94519
99471 99949 19995 11999 53199 05519 99571 99959

AR

10858 kHz, 13-03, 0500 UTC

HFWW HFWW HFWW DE C4F3 C4F3 QTC 207 31 =
27410 05114 90080 14264 11933 22317 17860 10112 09199 39565
01583 41362 17164 61726 49089 36361 3089X RRRRR 202XX WWWWW
74850 47465 15749 526XX 77050 75189 15498 015XX DDDDD 075XXX
NNNNN =

201 47 =
40545 79409 31505 94033 69530 92704 50582 10203 69060 01050
59381 99945 13994 41999 30063 36994 42189 45536 95300 26619
00955 19993 57021 53977 19993 52369 00955 19993 57021 53977
19993 02369 00950 19993 07021 53979 19993 42369 00950 19993
07021 53989 19993 22366 58161 06418 5437X =

000 18 =
13093 11999 33199 93519 99371 99939 19994 11999 43199 94519
99471 99949 19995 11999 53199 05519 99571 99959

AR

10858 kHz, 13-03, 0500 UTC

HFWW HFWW HFWW DE C4F3 C4F3 QTC 207 31 =
27410 05114 90080 14264 11933 22317 17860 10112 09199 39565
01583 41362 17164 61726 49089 36361 3089X RRRRR 202XX WWWWW
74850 47465 15749 526XX 77050 75189 15498 015XX DDDDD 075XXX
NNNNN =

201 47 =
40545 79409 31505 94033 69530 92704 50582 10203 69060 01050
59381 99945 13994 41999 30063 36994 42189 45536 95300 26619
00955 19993 57021 53977 19993 52369 00955 19993 57021 53977
19993 02369 00950 19993 07021 53979 19993 42369 00950 19993
07021 53989 19993 22366 58161 06418 5437X =

000 18 =
13093 11999 33199 93519 99371 99939 19994 11999 43199 94519
99471 99949 19995 11999 53199 05519 99571 99959

AR

10858 kHz, 13-03, 1750 UTC

ÜSN1 ÜSN1 ÜSN1 DE OJR8 OJR8 QTC 208 30 =
26310 15114 90080 35631 72554 09641 18317 86010 11209 19938
56491 58341 36217 26020 89171 61708 93636 11089 RRRRR 202XX
WWWWW 73950 17495 26716 52677 05075 18915 50191 6015X NNNNN

201 47 =
40545 79409 31505 94033 69530 92704 50582 10203 69060 01050
59381 99945 13994 41999 30063 36994 42189 45536 95300 26619
00955 19993 57021 53977 19993 52369 00955 19993 57021 53977
19993 02369 00950 19993 07021 53979 19993 42369 00950 19993
07021 53989 19993 22366 58161 06418 5437X =

000 18 =
13093 11999 33199 93519 99371 99939 19994 11999 43199 94519
99471 99949 19995 11999 53199 05519 99571 99959

AR

10858 kHz, 14-03, 0500 UTC

ÜSN1 ÜSN1 ÜSN1 DE OJR8 OJR8 QTC 209 40 =
26310 05124 90080 14230 96411 83256 40964 12446 40183 17860
10112 09255 32519 92564 22199 38565 01583 59362 17164 60891
72640 08936 36130 89XXX RRRRR 206XX WWWWW 73350 87405 29717
544XX DDDDD 21003 00812 42780 50751 69154 99916 914XX NNNNN =

201 47 =
40545 79409 31505 94033 69530 92704 50582 10203 69060 01050
59381 99945 13994 41999 30063 36994 42189 45536 95300 26619
00955 19993 57021 53977 19993 52369 00955 19993 57021 53977
19993 02369 00950 19993 07021 53979 19993 42369 00950 19993
07021 53989 19993 22366 58161 06418 5437X =

000 18 =
13093 11999 33199 93519 99371 99939 19994 11999 43199 94519
99471 99949 19995 11999 53199 05519 99571 99959

AR

10858 kHz, 14-03, 1750 UTC

VCÄX VCÄX VCÄX DE YBMD YBMD QTC 211 32 =
26310 15124 90080 25640 96402 55641 18317 76011 11209 25642
22551 35385 63915 83413 62171 61717 26020 89363 61108 9XXXX
RRRRR 202XX WWWWW 73551 17395 11718 50477 05075 11915 50091
6914X NNNNN =

210 26 = (sent only 21 groups)
40505 79409 32505 94433 69530 92704 50504 31920 42941 19996
00633 69944 33695 33708 59532 54940 19996 52365 80347 48543
7XXXX

201 47 =
40545 79409 31505 94033 69530 92704 50582 10203 69060 01050
59381 99945 13994 41999 30063 36994 42189 45536 95300 26619
00955 19993 57021 53977 19993 52369 00955 19993 57021 53977
19993 02369 00950 19993 07021 53979 19993 42369 00950 19993
07021 53989 19993 22366 58161 06418 5437X =

000 18 =
13093 11999 33199 93519 99371 99939 19994 11999 43199 94519
99471 99949 19995 11999 53199 05519 99571 99959

AR

10858 kHz, 15-03, 0500 UTC. Partly unreadable

VCÄX VCÄX VCÄX DE YBMD YBMD QTC 212 37 =
26310 05134 90080 40964 12573 48302 54118 31786 01011 20925
82560 30385 64915 80533 62171 64617 26411 89363 61208 9XXXX
RRRRR 2122X WWWWW _____ 21003 00803
__081 06677 05074 95915 50591 6914X NNNNN =

210 26 = (sent only 21 groups)
40505 79409 32505 94433 69530 92704 50504 31920 42941 19996
00633 69944 33695 33708 59532 54940 19996 52365 80347 48543
7XXXX

201 47 =
40545 79409 31505 94033 69530 92704 50582 10203 69060 01050
59381 99945 13994 41999 30063 36994 42189 45536 95300 26619
00955 19993 57021 53977 19993 52369 00955 19993 57021 53977

19993 02369 00950 19993 07021 53979 19993 42369 00950 19993
07021 53989 19993 22366 58161 06418 5437X =

000 18 =
13093 11999 33199 93519 99371 99939 19994 11999 43199 94519
99471 99949 19995 11999 53199 05519 99571 99959

AR

10858 kHz, 16-03, 0500 UTC

VCÄS VCÄS VCÄS DE YBMD YBMD QTC 214 31 =
26310 05144 90080 30064 13196 46183 17860 10112 09210 03038
56460 53363 64617 16391 72089 RRRRR 207XX WWWWW 72950 87325
29732 573CC 77050 74939 14498 91691 3XXXX DDDDD 07608 1358X
NNNNN =

210 26 =
40505 79409 32505 94433 69530 92704 50504 31920 42941 19996
00633 69944 33695 33708 59532 54940 19996 52365 80347 48543
7XXXX

000 18 =
13093 11999 33199 93519 99371 99939 19994 11999 43199 94519
99471 99949 19995 11999 53199 05519 99571 99959

AR

10858 kHz, 16-03, 1750 UTC

26HC 26HC 26HC DE RINGO RINGO QTC 215 30 =
16310 15144 90080 25630 06462 43513 31964 11786 02258 19925
63400 30385 64994 56103 62172 60217 16163 63613 RRRRR 207XX
WWWWW 72050 47474 01735 54777 05075 08915 50191 4XXXX NNNNN =

210 26 =
40545 79409 32505 94433 69530 92704 50504 31920 42941 19996
00633 69944 33695 33708 59532 54940 19996 52365 80347 48543
7XXXX =

000 18 =
13093 11999 33199 93519 99371 99939 19994 11999 43199 94519
99471 99949 19995 11999 53199 95519 99571 99959

AR

10858 kHz, 17-03, 0500 UTC

26HC 26HC 26HC DE RINGO RINGO QTC 216 32 =
26310 05154 90080 30064 63196 44178 60106 16032 09255 13525
62593 85650 24137 21715 01506 17263 93536 13XXX RRRRR 71753
87465 14738 515XX DDDDD 23727 67706 08512 ... (very poor signal, largely unreadable)

10858 kHz, 17-03, 1750 UTC

G9CE G9CE G9CE DE 8H5W 8H5W QTC 220 29 =
26310 15154 90080 30064 11831 78602 01120 92760 30385 64915
80533 62172 60208 91716 16089 36361 3089X RRRRR 207XX WWWWW
74850 77195 11733 50177 05075 16915 50191 6015X NNNNN =

219 65 =
40545 79409 36505 94733 69530 92020 36906 05059 30937 98013
99449 30930 06336 99513 36199 50593 09379 80139 94593 09300

63369 95233 61995 05930 93696 01399 44930 93036 99533 36218
50593 09369 60139 93093 99600 63369 95433 69530 42661 90193
09311 99933 15494 11999 34901 93093 01549 46199 93990 09851
54946 19993 99009 83154 94019 99329 00989 19993 41549 40199
93265 81610 64482 18353 2437X =

218 68 =

40545 79409 35505 94733 69530 92020 36906 05059 30937 98013
99449 30930 06336 99513 36199 93093 79801 39945 93093 00633
69952 33619 99309 36960 13994 49309 30063 36995 33362 18505
93093 69601 39930 93996 00633 69954 33695 30920 42661 90193
09331 99938 15493 09311 99934 90193 09311 99933 15494 11999
34900 98919 99341 54940 19993 29009 83154 94019 99329 00980
19993 31549 30931 19993 46581 61064 18543 7XXXX =

000 18 =

13093 11999 33199 93519 99371 99939 19994 11999 43199 94519
99471 99949 19995 11999 53199 95519 99571 99959

AR

10858 kHz, 18-03, 0500 UTC

G9CE G9CE G9CE DE 8H5W 8H5W QTC 220 29 =
26310 15154 90080 30064 11831 78602 01120 92760 30385 64915
80533 62172 60208 91716 16089 36361 389XX RRRRR 207XX WWWWW
74850 77195 11733 50177 05075 16915 50191 6015X NNNNN =

219 65 =

40545 79409 36505 94733 69530 92020 36906 05059 30937 98013
99449 30930 06336 99513 36199 50593 09379 80139 94593 09300
63369 95233 61995 05930 93696 01399 44930 93036 99533 36218
50593 09369 60139 93093 99600 63369 95433 69530 42661 90193
09311 99933 15494 11999 34901 93093 01549 46199 93990 09851
54946 19993 99009 83154 94019 99329 00989 19993 41549 40199
93265 81610 64482 18353 2437X =

218 68 =

40545 79409 35505 94733 69530 92020 36906 05059 30937 98013
99449 30930 06336 99513 36199 93093 79801 39945 93093 00633
69952 33619 99309 36960 13994 49309 30063 36995 33362 18505
93093 69601 39930 93996 00633 69954 33695 30920 42661 90193
09331 99938 15493 09311 99934 90193 09311 99933 15494 11999
34900 98919 99341 54940 19993 29009 83154 94019 99329 00980
19993 31549 30931 19993 46581 61064 18543 7XXXX =

000 18 =

13093 11999 33199 93519 99371 99939 19994 11999 43199 94519
99471 99949 19995 11999 53199 95519 99571 99959

AR

10858 kHz, 18-03, 1750 UTC

N3QF N3QF DE 35W1 35W1 QTC 223 38 =
26310 15164 90080 25613 82543 00641 06164 43191 42641 18317
82566 03255 60101 12092 56210 03125 62103 19258 38564 93593
62171 64817 26410 89363 61208 9XXXX RRRRR 207XX WWWWW 72051
17265 40724 55877 05075 17915 50691 6015X NNNNN =

219 65 =

40545 79409 36505 94733 69530 92020 36906 05059 30937 98013
99449 30930 06336 99513 36199 50593 09379 80139 94593 09300

63369 95233 61995 05930 93696 01399 44930 93036 99533 36218
50593 09369 60139 93093 99600 63369 95433 69530 42661 90193
09311 99933 15494 11999 34901 93093 01549 46199 93990 09851
54946 19993 99009 83154 94019 99329 00989 19993 41549 40199
93265 81610 64482 18353 2437X =

218 68 =

40545 79409 35505 94733 69530 92020 36906 05059 30937 98013
99449 30930 06336 99513 36199 93093 79801 39945 93093 00633
69952 33619 99309 36960 13994 49309 30063 36995 33362 18505
93093 69601 39930 93996 00633 69954 33695 30920 42661 90193
09331 99938 15493 09311 99934 90193 09311 99933 15494 11999
34900 98919 99341 54940 19993 29009 83154 94019 99329 00980
19993 31549 30931 19993 46581 61064 18543 7XXXX =

000 18 =

13093 11999 33199 93519 99371 99939 19994 11999 43199 94519
99471 99949 19995 11999 53199 95519 99571 99959

AR

10858 kHz, 19-03, 1750 UTC

QDYM QDYM QDYM DE JMNS JMNS QTC 235 28 =
26310 15174 90080 25612 06392 55409 50950 41786 01322 59920
92583 85649 32234 03133 62172 63917 16483 63713 RRRRR 206XX
WWWWW 74250 87505 15717 52977 05075 18015 NNNNN =

220 65 = (same message as yesterday with different message nr)

40545 79409 36505 94733 69530 92020 36906 05059 30937 98013
99449 30930 06336 99513 36199 50593 09379 80139 94593 09300
63369 95233 61995 05930 93696 01399 44930 93036 99533 36218
50593 09369 60139 93093 99600 63369 95433 69530 42661 90193
09311 99933 15494 11999 34901 93093 01549 46199 93990 09851
54946 19993 99009 83154 94019 99329 00989 19993 41549 40199
93265 81610 64482 18353 2437X =

218 68 =

40545 79409 35505 94733 69530 92020 36906 05059 30937 98013
99449 30930 06336 99513 36199 93093 79801 39945 93093 00633
69952 33619 99309 36960 13994 49309 30063 36995 33362 18505
93093 69601 39930 93996 00633 69954 33695 30920 42661 90193
09331 99938 15493 09311 99934 90193 09311 99933 15494 11999
34900 98919 99341 54940 19993 29009 83154 94019 99329 00980
19993 31549 30931 19993 46581 61064 18543 7XXXX =

000 18 =

13093 11999 33199 93519 99371 99939 19994 11999 43199 94519
99471 99949 19995 11999 53199 95519 99571 99959

AR

10858 kHz, 20-03, 0500 UTC

QDYM QDYM QDYM DE JMNS JMNS QTC 226 30 =
26310 05184 90080 41350 05041 78599 20934 01352 16186 38564
93403 13362 17164 81726 40363 613XX RRRRR 206XX WWWWW 74551
57485 19749 540XX DDDDD 07577 05075 17915 50401 5XXXX NNNNN =

220 65 =

40545 79409 36505 94733 69530 92020 36906 05059 30937 98013
99449 30930 06336 99513 36199 50593 09379 80139 94593 09300
63369 95233 61995 05930 93696 01399 44930 93036 99533 36218

50593 09369 60139 93093 99600 63369 95433 69530 42661 90193
09311 99933 15494 11999 34901 93093 01549 46199 93990 09851
54946 19993 99009 83154 94019 99329 00989 19993 41549 40199
93265 81610 64482 18353 2437X =

219 68 =
40545 79409 35505 94733 69530 92020 36906 05059 30937 98013
99449 30930 06336 99513 36199 93093 79801 39945 93093 00633
69952 33619 99309 36960 13994 49309 30063 36995 33362 18505
93093 69601 39930 93996 00633 69954 33695 30920 42661 90193
09331 99938 15493 09311 99934 90193 09311 99933 15494 11999
34900 98919 99341 54940 19993 29009 83154 94019 99329 00980
19993 31549 30931 19993 46581 61064 18543 7XXXX =

000 18 =
13093 11999 33199 93519 99371 99939 19994 11999 43199 94519
99471 99949 19995 11999 53199 95519 99571 99959

AR

10858 kHz, 20-03, 1750 UTC

MA76 MA76 MA76 DE S7ÄÜ S7ÄÜ QTC 227 34 =
26310 15184 90080 25611 84086 39255 14240 95005 04183 17860
00112 09276 25531 40313 85649 15835 93621 72641 17164 90893
63614 089XX RRRRR 206XX WWWWW 74651 17465 19746 55577 05075
14915 49891 6914X NNNNN

220 65 =
40545 79409 36505 94733 69530 92020 36906 05059 30937 98013
99449 30930 06336 99513 36199 50593 09379 80139 94593 09300
63369 95233 61995 05930 93696 01399 44930 93036 99533 36218
50593 09369 60139 93093 99600 63369 95433 69530 42661 90193
09311 99933 15494 11999 34901 93093 01549 46199 93990 09851
54946 19993 99009 83154 94019 99329 00989 19993 41549 40199
93265 81610 64482 18353 2437X =

219 68 =
40545 79409 35505 94733 69530 92020 36906 05059 30937 98013
99449 30930 06336 99513 36199 93093 79801 39945 93093 00633
69952 33619 99309 36960 13994 49309 30063 36995 33362 18505
93093 69601 39930 93996 00633 69954 33695 30920 42661 90193
09331 99938 15493 09311 99934 90193 09311 99933 15494 11999
34900 98919 99341 54940 19993 29009 83154 94019 99329 00980
19993 31549 30931 19993 46581 61064 18543 7XXXX =

000 18 =
13093 11999 33199 93519 99371 99939 19994 11999 43199 94519
99471 99949 19995 11999 53199 95519 99571 99959

AR

10858 kHz, 21-03, 0500 UTC

MA76 MA76 MA76 DE S7ÄÜ S7ÄÜ QTC 228 34 =
26310 05194 90080 14250 05041 83178 60001 12092 10031 25603
03856 49158 35936 21716 49172 64108 93636 14089 RRRRR 206XX
WWWWW 73151 17425 59742 533XX DDDDD 08041 52091 99770 50751
19155 06916 913XX NNNNN =

220 65 =
40545 79409 36505 94733 69530 92020 36906 05059 30937 98013
99449 30930 06336 99513 36199 50593 09379 80139 94593 09300

63369 95233 61995 05930 93696 01399 44930 93036 99533 36218
50593 09369 60139 93093 99600 63369 95433 69530 42661 90193
09311 99933 15494 11999 34901 93093 01549 46199 93990 09851
54946 19993 99009 83154 94019 99329 00989 19993 41549 40199
93265 81610 64482 18353 2437X =

219 68 =
40545 79409 35505 94733 69530 92020 36906 05059 30937 98013
99449 30930 06336 99513 36199 93093 79801 39945 93093 00633
69952 33619 99309 36960 13994 49309 30063 36995 33362 18505
93093 69601 39930 93996 00633 69954 33695 30920 42661 90193
09331 99938 15493 09311 99934 90193 09311 99933 15494 11999
34900 98919 99341 54940 19993 29009 83154 94019 99329 00980
19993 31549 30931 19993 46581 61064 18543 7XXXX =

000 18 =
13093 11999 33199 93519 99371 99939 19994 11999 43199 94519
99471 99949 19995 11999 53199 95519 99571 99959

AR

10858 kHz, 21-03, 1750 UTC

6Q1L 6Q1L 6Q1L DE KÜUC KÜUC QTC 231 28 =
26310 15194 90080 14264 11831 78601 01120 92100 30385 64915
83621 72641 17161 80893 63612 089XX RRRRR 206XX WWWWW 73150
17425 33741 55577 05075 11915 50291 6015X NNNNN =

230 20 =
40545 79409 38505 95133 69530 92236 50581 46619 01940 19993
99751 54930 93093 70417 56477 03201 96907 14657 93125 1437X =

229 21 =
40545 79409 37505 95133 69530 92236 50581 46619 01940 19993
99501 53989 19993 79855 68178 75647 70321 78690 65793 12514
34XXX =

220 65 =
40545 79409 36505 94733 69530 92020 36906 05059 30937 98013
99449 30930 06336 99513 36199 50593 09379 80139 94593 09300
63369 95233 61995 05930 93696 01399 44930 93036 99533 36218
50593 09369 60139 93093 99600 63369 95433 69530 42661 90193
09311 99933 15494 11999 34901 93093 01549 46199 93990 09851
54946 19993 99009 83154 94019 99329 00989 19993 41549 40199
93265 81610 64482 18353 2437X =

219 68 =
40545 79409 35505 94733 69530 92020 36906 05059 30937 98013
99449 30930 06336 99513 36199 93093 79801 39945 93093 00633
69952 33619 99309 36960 13994 49309 30063 36995 33362 18505
93093 69601 39930 93996 00633 69954 33695 30920 42661 90193
09331 99938 15493 09311 99934 90193 09311 99933 15494 11999
34900 98919 99341 54940 19993 29009 83154 94019 99329 00980
19993 31549 30931 19993 46581 61064 18543 7XXXX =

000 18 =
13093 11999 33199 93519 99371 99939 19994 11999 43199 94519
99471 99949 19995 11999 53199 95519 99571 99959

AR

10858 KhZ, 22-03, 0500 UTC

6Q1L 6Q1L 6Q1L DE KÜUC KÜUC QTC 232 31 =
25310 05204 90080 30164 11831 78601 01120 90306 49158 35936
21726 18649 01731 89363 61208 9XXXX RRRRR 206XX WWWWW 73050
18425 15746 51977 05475 11915 49891 6015X DDDDD 21023 7XXXX
NNNNN =

230 20 =
40545 79409 38505 95133 69530 92236 50581 46619 01940 19993
99751 54930 93093 70417 56477 03201 96907 14657 93125 1437X =

229 21 =
40545 79409 37505 95133 69530 92236 50581 46619 01940 19993
99501 53989 19993 79855 68178 75647 70321 78690 65793 12514
34XXX =

220 65 =
40545 79409 36505 94733 69530 92020 36906 05059 30937 98013
99449 30930 06336 99513 36199 50593 09379 80139 94593 09300
63369 95233 61995 05930 93696 01399 44930 93036 99533 36218
50593 09369 60139 93093 99600 63369 95433 69530 42661 90193
09311 99933 15494 11999 34901 93093 01549 46199 93990 09851
54946 19993 99009 83154 94019 99329 00989 19993 41549 40199
93265 81610 64482 18353 2437X =

219 68 =
40545 79409 35505 94733 69530 92020 36906 05059 30937 98013
99449 30930 06336 99513 36199 93093 79801 39945 93093 00633
69952 33619 99309 36960 13994 49309 30063 36995 33362 18505
93093 69601 39930 93996 00633 69954 33695 30920 42661 90193
09331 99938 15493 09311 99934 90193 09311 99933 15494 11999
34900 98919 99341 54940 19993 29009 83154 94019 99329 00980
19993 31549 30931 19993 46581 61064 18543 7XXXX =

000 18 =
13093 11999 33199 93519 99371 99939 19994 11999 43199 94519
99471 99949 19995 11999 53199 95519 99571 99959

AR

10858 kHz, 22-03, 1750 UTC

D49R D49R D49R DE ÄIHE ÄIHE QTC 233 35 =
26310 15204 90080 25630 03016 39255 14230 16411 83178 60101
12092 10030 21635 83852 56640 25564 61583 62171 64817 26411
83363 61308 9XXXX RRRRR 206XX WWWWW 72051 57165 04742 50177
05075 12915 50691 6015X NNNNN =

230 20 =
40545 79409 38505 95133 69530 92236 50581 46619 01940 19993
99751 54930 93093 70417 56477 03201 96907 14657 93125 1437X =

229 21 =
40545 79409 37505 95133 69530 92236 50581 46619 01940 19993
99501 53989 19993 79855 68178 75647 70321 78690 65793 12514
34XXX =

220 65 =
40545 79409 36505 94733 69530 92020 36906 05059 30937 98013
99449 30930 06336 99513 36199 50593 09379 80139 94593 09300
63369 95233 61995 05930 93696 01399 44930 93036 99533 36218
50593 09369 60139 93093 99600 63369 95433 69530 42661 90193
09311 99933 15494 11999 34901 93093 01549 46199 93990 09851

54946 19993 99009 83154 94019 99329 00989 19993 41549 40199
93265 81610 64482 18353 2437X =

219 68 =
40545 79409 35505 94733 69530 92020 36906 05059 30937 98013
99449 30930 06336 99513 36199 93093 79801 39945 93093 00633
69952 33619 99309 36960 13994 49309 30063 36995 33362 18505
93093 69601 39930 93996 00633 69954 33695 30920 42661 90193
09331 99938 15493 09311 99934 90193 09311 99933 15494 11999
34900 98919 99341 54940 19993 29009 83154 94019 99329 00980
19993 31549 30931 19993 46581 61064 18543 7XXXX =

000 18 =
13093 11999 33199 93519 99371 99939 19994 11999 43199 94519
99471 99949 19995 11999 53199 95519 99571 99959

AR

10858 kHz, 23-03, 0500 UTC

D49R D49R D49R DE ÄIHE ÄIHE QTC 233 35 =
26310 05214 90080 30063 92164 15409 64118 31786 01256 59901 12092
10340 03131 92873 85640 21664 61583 62171 64817 26430 89363 61308
9XXXX RRRRR 247XX WWWWW 72352 27135 22721 529XX DDDDD 32523 77705
07513 91549 99160 15XXX NNNNN =

230 20 =
40545 79409 38505 95133 69530 92236 50581 46619 01940 19993
99751 54930 93093 70417 56477 03201 96907 14657 93125 1437X =

229 21 =
40545 79409 37505 95133 69530 92236 50581 46619 01940 19993
99501 53989 19993 79855 68178 75647 70321 78690 65793 12514
34XXX =

220 65 =
40545 79409 36505 94733 69530 92020 36906 05059 30937 98013
99449 30930 06336 99513 36199 50593 09379 80139 94593 09300
63369 95233 61995 05930 93696 01399 44930 93036 99533 36218
50593 09369 60139 93093 99600 63369 95433 69530 42661 90193
09311 99933 15494 11999 34901 93093 01549 46199 93990 09851
54946 19993 99009 83154 94019 99329 00989 19993 41549 40199
93265 81610 64482 18353 2437X =

219 68 =
40545 79409 35505 94733 69530 92020 36906 05059 30937 98013
99449 30930 06336 99513 36199 93093 79801 39945 93093 00633
69952 33619 99309 36960 13994 49309 30063 36995 33362 18505
93093 69601 39930 93996 00633 69954 33695 30920 42661 90193
09331 99938 15493 09311 99934 90193 09311 99933 15494 11999
34900 98919 99341 54940 19993 29009 83154 94019 99329 00980
19993 31549 30931 19993 46581 61064 18543 7XXXX =

000 18 =
13093 11999 33199 93519 99371 99939 19994 11999 43199 94519
99471 99949 19995 11999 53199 95519 99571 99959

AR

10858 kHz, 23-03, 1750 UTC

EJÜ2 EJÜ2 EJÜ2 DE IKCF IKCF QTC 235 331 =
26310 15214 90080 25631 72554 15409 64118 31785 99011 20919
93856 49158 35936 21726 41089 17164 90893 63614 089XX RRRRR
206XX WWWWW 71950 77195 15719 53377 05075 13915 50091 6015X
NNNNN =

230 20 =
40545 79409 38505 95133 69530 92236 50581 46619 01940 19993
99751 54930 93093 70417 56477 03201 96907 14657 93125 1437X =

229 21 =
40545 79409 37505 95133 69530 92236 50581 46619 01940 19993
99501 53989 19993 79855 68178 75647 70321 78690 65793 12514
34XXX =

220 65 =
40545 79409 36505 94733 69530 92020 36906 05059 30937 98013
99449 30930 06336 99513 36199 50593 09379 80139 94593 09300
63369 95233 61995 05930 93696 01399 44930 93036 99533 36218
50593 09369 60139 93093 99600 63369 95433 69530 42661 90193
09311 99933 15494 11999 34901 93093 01549 46199 93990 09851
54946 19993 99009 83154 94019 99329 00989 19993 41549 40199
93265 81610 64482 18353 2437X =

219 68 =
40545 79409 35505 94733 69530 92020 36906 05059 30937 98013
99449 30930 06336 99513 36199 93093 79801 39945 93093 00633
69952 33619 99309 36960 13994 49309 30063 36995 33362 18505
93093 69601 39930 93996 00633 69954 33695 30920 42661 90193
09331 99938 15493 09311 99934 90193 09311 99933 15494 11999
34900 98919 99341 54940 19993 29009 83154 94019 99329 00980
19993 31549 30931 19993 46581 61064 18543 7XXXX =

000 18 =
13093 11999 33199 93519 99371 99939 19994 11999 43199 94519
99471 99949 19995 11999 53199 95519 99571 99959

AR

10858 kHz, 25-03, 0500 UTC

ABEB ABEB ABEB DE HÄQM HÄQM QTC 243 34 =
26310 05234 90080 41525 63026 41183 17860 10112 09276 03038
56491 58053 34136 21716 48172 64408 93636 14089 RRRRR 206XX
WWWWW 74450 47445 22743 52977 05075 10915 50091 6914X DDDDD
03008 01181 71237 NNNNN =

241 43 =
40545 79419 33505 95433 69530 92704 45802 06183 51505 93513
99420 63369 95819 99592 18960 33695 30926 61901 93719 99501
53985 19993 89359 01937 19999 50953 98619 99829 01934 19993
99351 53986 19998 29019 34199 93693 51539 85199 95521 80256
58185 20543 7XXXX =

240 36 =
40545 79419 32505 95433 69530 92197 81202 00105 05937 13993
99700 63369 95821 89593 36953 09266 19019 51199 93515 49409
01951 19993 51549 51199 93590 19501 54951 19993 59019 46199
93215 49371 99935 65806 41852 05437 =

237 39 =
40545 79409 39505 95433 69530 92197 81231 56315 05937 13994
40635 05957 96033 69530 92661 90195 21999 38939 05495 51999
86901 95219 99289 39154 95519 99399 32901 95219 99311 54955
19993 99329 01952 15495 51999 86658 06418 52054 37XXX =

230 20 =
40545 79409 38505 95133 69530 92236 50581 46619 01940 19993
99751 54930 93093 70417 56477 03201 96907 14657 93125 1437X =

229 21 =
40545 79409 37505 95133 69530 92236 50581 46619 01940 19993
99501 53989 19993 79855 68178 75647 70321 78690 65793 12514
34XXX =

000 18 =
13093 11999 33199 93519 99371 99939 19994 11999 43199 94519
99471 99949 19995 11999 53199 95519 99571 99959

AR

10858 kHz, 25-03, 1750 UTC

LE8G LE8G LG8G DE ÜEY6 ÜEY6 QTC 245 32 =
26310 15234 90080 40864 13223 02612 18317 82566 01255 60001
12091 35030 38565 01583 59362 17264 41716 23363 61308 9XXXX
RRRRR 206XX WWWWW 74151 57435 40740 54377 05074 94915 50491
6914X NNNNN =

244 38 =
40545 79419 34505 95309 29185 05254 02036 90603 52631 50593
71399 41063 36995 92189 60336 95095 30426 61901 78494 77909
33154 78494 09017 84948 15478 49409 01784 94815 47849 45901
78494 77909 33154 78494 56581 61185 20543 7XXXX =

241 43 =
40545 79419 33505 95433 69530 92704 45802 06183 51505 93513
99420 63369 95819 99592 18960 33695 30926 61901 93719 99501
53985 19993 89359 01937 19999 50953 98619 99829 01934 19993
69351 53986 19998 29019 34199 93693 51539 85199 95521 80256
58185 20643 7XXXX =

240 36 =
40545 79419 32505 95433 69530 92197 81202 00105 05937 13993
99700 63369 95821 89593 36953 09266 19019 51199 93515 49409
01951 19993 51549 51199 93590 19501 54951 19993 59019 46199
93215 49371 99935 65806 41852 05437 =

237 39 =
40545 79409 39505 95433 69530 92197 81231 56315 05937 13994
40635 05957 96033 69530 92661 90195 21999 38939 05495 51999
86901 95219 99289 39154 95519 99399 32901 95219 99311 54955
19993 99329 01952 15495 51999 86658 06418 52054 37XXX =

230 20 =
40545 79409 38505 95133 69530 92236 50581 46619 01940 19993
99751 54930 93093 70417 56477 03201 96907 14657 93125 1437X =

229 21 =
40545 79409 37505 95133 69530 92236 50581 46619 01940 19993
99501 53989 19993 79855 68178 75647 70321 78690 65793 12514
34XXX =

000 18 =
13093 11999 33199 93519 99371 99939 19994 11999 43199 94519
99471 99949 19995 11999 53199 95519 99571 99959

AR

10858 kHz, 26-03, 0400 UTC. Changed to summer time

LE8G LE8G LG8G DE ÜEY6 ÜEY6 QTC 246 30 =
26310 05244 90080 30264 41831 78599 01120 91350 30385 65015
83593 72171 62317 26443 63614 089XX RRRRR 207XX WWWWW 74354
37445 33740 551XX DDDDD 07577 05074 92915 50391 6015X NNNNN =

244 38 =
40545 79419 34505 95309 29185 05254 02036 90603 52631 50593
71399 41063 36995 92189 60336 95095 30426 61901 78494 77909
33154 78494 09017 84948 15478 49409 01784 94815 47849 45901
78494 77909 33154 78494 56581 61185 20543 7XXXX =

241 43 =
40545 79419 33505 95433 69530 92704 45802 06183 51505 93513
99420 63369 95819 99592 18960 33695 30926 61901 93719 99501
53985 19993 89359 01937 19999 50953 98619 99829 01934 19993
69351 53986 19998 29019 34199 93693 51539 85199 95521 80256
58185 20643 7XXXX =

240 36 =
40545 79419 32505 95433 69530 92197 81202 00105 05937 13993
99700 63369 95821 89593 36953 09266 19019 51199 93515 49409
01951 19993 51549 51199 93590 19501 54951 19993 59019 46199
93215 49371 99935 65806 41852 05437 =

237 39 =
40545 79409 39505 95433 69530 92197 81231 56315 05937 13994
40635 05957 96033 69530 92661 90195 21999 38939 05495 51999
86901 95219 99289 39154 95519 99399 32901 95219 99311 54955
19993 99329 01952 15495 51999 86658 06418 52054 37XXX =

230 20 =
40545 79409 38505 95133 69530 92236 50581 46619 01940 19993
99751 54930 93093 70417 56477 03201 96907 14657 93125 1437X =

229 21 =
40545 79409 37505 95133 69530 92236 50581 46619 01940 19993
99501 53989 19993 79855 68178 75647 70321 78690 65793 12514
34XXX =

000 18 =
13093 11999 33199 93519 99371 99939 19994 11999 43199 94519
99471 99949 19995 11999 53199 95519 99571 99959

AR

10858 kHz, 26-03, 1650 UTC. Changed to summer time

7NK5 7NK5 7NK5 DE VL7L VL7L 247 35 =
26310 15244 90080 25641 54086 49255 41540 90816 48183 17860
13196 03011 20925 80981 99385 65773 83413 62171 62417 27410
89363 61308 9XXXX RRRRR 202XX WWWWW 74351 97465 40742 54077
05074 95915 50191 6015X NNNNN =

244 38 =
40545 79419 34505 95309 29185 05254 02036 90603 52631 50593
71399 41063 36995 92189 60336 95095 30426 61901 78494 77909
33154 78494 09017 84948 15478 49409 01784 94815 47849 45901
78494 77909 33154 78494 56581 61185 20543 7XXXX =

241 43 =
40545 79419 33505 95433 69530 92704 45802 06183 51505 93513
99420 63369 95819 99592 18960 33695 30926 61901 93719 99501
53985 19993 89359 01937 19999 50953 98619 99829 01934 19993
69351 53986 19998 29019 34199 93693 51539 85199 95521 80256
58185 20643 7XXXX =

240 36 =
40545 79419 32505 95433 69530 92197 81202 00105 05937 13993
99700 63369 95821 89593 36953 09266 19019 51199 93515 49409
01951 19993 51549 51199 93590 19501 54951 19993 59019 46199
93215 49371 99935 65806 41852 05437 =

237 39 =
40545 79409 39505 95433 69530 92197 81231 56315 05937 13994
40635 05957 96033 69530 92661 90195 21999 38939 05495 51999
86901 95219 99289 39154 95519 99399 32901 95219 99311 54955
19993 99329 01952 15495 51999 86658 06418 52054 37XXX =

230 20 =
40545 79409 38505 95133 69530 92236 50581 46619 01940 19993
99751 54930 93093 70417 56477 03201 96907 14657 93125 1437X =

229 21 =
40545 79409 37505 95133 69530 92236 50581 46619 01940 19993
99501 53989 19993 79855 68178 75647 70321 78690 65793 12514
34XXX =

000 18 =
13093 11999 33199 93519 99371 99939 19994 11999 43199 94519
99471 99949 19995 11999 53199 95519 99571 99959

AR

10858 kHz, 27-03, 0400 UTC

7NK5 7NK5 7NK5 DE VL7L VL7L QTC 248 37 =
26310 05254 90080 41440 96443 19081 64825 61183 02645 18317
86013 19603 01120 92582 56135 03038 56500 45641 15836 21716
24172 64108 9XXXX RRRRR 207XX WWWWW 74051 57435 40741 544XX
DDDDD 08124 21717 70507 49691 6914X NNNNN =

244 38 =
40545 79419 34505 95309 29185 05254 02036 90603 52631 50593
71399 41063 36995 92189 60336 95095 30426 61901 78494 77909
33154 78494 09017 84948 15478 49409 01784 94815 47849 45901
78494 77909 33154 78494 56581 61185 20543 7XXXX =

241 43 =
40545 79419 33505 95433 69530 92704 45802 06183 51505 93513
99420 63369 95819 99592 18960 33695 30926 61901 93719 99501
53985 19993 89359 01937 19999 50953 98619 99829 01934 19993
69351 53986 19998 29019 34199 93693 51539 85199 95521 80256
58185 20643 7XXXX =

240 36 =
40545 79419 32505 95433 69530 92197 81202 00105 05937 13993
99700 63369 95821 89593 36953 09266 19019 51199 93515 49409
01951 19993 51549 51199 93590 19501 54951 19993 59019 46199
93215 49371 99935 65806 41852 05437 =

237 39 =
40545 79409 39505 95433 69530 92197 81231 56315 05937 13994
40635 05957 96033 69530 92661 90195 21999 38939 05495 51999
86901 95219 99289 39154 95519 99399 32901 95219 99311 54955
19993 99329 01952 15495 51999 86658 06418 52054 37XXX =

230 20 =
40545 79409 38505 95133 69530 92236 50581 46619 01940 19993
99751 54930 93093 70417 56477 03201 96907 14657 93125 1437X =

229 21 =
40545 79409 37505 95133 69530 92236 50581 46619 01940 19993
99501 53989 19993 79855 68178 75647 70321 78690 65793 12514
34XXX =

000 18 =
13093 11999 33199 93519 99371 99939 19994 11999 43199 94519
99471 99949 19995 11999 53199 95519 99571 99959

AR

10858 kHz, 27-03, 1650 UTC

WHD4 WHD4 WHD4 DE 4Y1R 4Y1R 249 28 =
26310 15254 90080 40832 23026 46183 17860 10112 08268 39564
90515 99157 36217 26121 71646 36361 4089X RRRRR 207XX WWWWW
73352 67365 47738 55577 05975 06916 015XX NNNNN =

244 38 =
40545 79419 34505 95309 29185 05254 02036 90603 52631 50593
71399 41063 36995 92189 60336 95095 30426 61901 78494 77909
33154 78494 09017 84948 15478 49409 01784 94815 47849 45901
78494 77909 33154 78494 56581 61185 20543 7XXXX =

241 43 =
40545 79419 33505 95433 69530 92704 45802 06183 51505 93513
99420 63369 95819 99592 18960 33695 30926 61901 93719 99501
53985 19993 89359 01937 19999 50953 98619 99829 01934 19993
69351 53986 19998 29019 34199 93693 51539 85199 95521 80256
58185 20643 7XXXX =

240 36 =
40545 79419 32505 95433 69530 92197 81202 00105 05937 13993
99700 63369 95821 89593 36953 09266 19019 51199 93515 49409
01951 19993 51549 51199 93590 19501 54951 19993 59019 46199
93215 49371 99935 65806 41852 05437 =

237 39 =
40545 79409 39505 95433 69530 92197 81231 56315 05937 13994
40635 05957 96033 69530 92661 90195 21999 38939 05495 51999
86901 95219 99289 39154 95519 99399 32901 95219 99311 54955
19993 99329 01952 15495 51999 86658 06418 52054 37XXX =

230 20 =
40545 79409 38505 95133 69530 92236 50581 46619 01940 19993
99751 54930 93093 70417 56477 03201 96907 14657 93125 1437X =

229 21 =
40545 79409 37505 95133 69530 92236 50581 46619 01940 19993
99501 53989 19993 79855 68178 75647 70321 78690 65793 12514
34XXX =

000 18 =
13093 11999 33199 93519 99371 99939 19994 11999 43199 94519
99471 99949 19995 11999 53199 95519 99571 99959

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10858 kHz, 28-03, 0400 UTC

WHD4 WHD4 WHD4 DE 4Y1R 4Y1R QTC 250 29 =
26310 05264 90080 30264 81831 78603 01120 91353 85649 15836
21716 46172 64036 36140 89XXX RRRRR 207XX WWWWW 74453 77435
37744 529XX DDDDD 07577 05965 05915 50691 6913X NNNNN =

244 38 =
40545 79419 34505 95309 29185 05254 02036 90603 52631 50593
71399 41063 36995 92189 60336 95095 30426 61901 78494 77909
33154 78494 09017 84948 15478 49409 01784 94815 47849 45901
78494 77909 33154 78494 56581 61185 20543 7XXXX =

241 43 =
40545 79419 33505 95433 69530 92704 45802 06183 51505 93513
99420 63369 95819 99592 18960 33695 30926 61901 93719 99501
53985 19993 89359 01937 19999 50953 98619 99829 01934 19993
69351 53986 19998 29019 34199 93693 51539 85199 95521 80256
58185 20643 7XXXX =

240 36 =
40545 79419 32505 95433 69530 92197 81202 00105 05937 13993
99700 63369 95821 89593 36953 09266 19019 51199 93515 49409
01951 19993 51549 51199 93590 19501 54951 19993 59019 46199
93215 49371 99935 65806 41852 05437 =

237 39 =
40545 79409 39505 95433 69530 92197 81231 56315 05937 13994
40635 05957 96033 69530 92661 90195 21999 38939 05495 51999
86901 95219 99289 39154 95519 99399 32901 95219 99311 54955
19993 99329 01952 15495 51999 86658 06418 52054 37XXX =

230 20 =
40545 79409 38505 95133 69530 92236 50581 46619 01940 19993
99751 54930 93093 70417 56477 03201 96907 14657 93125 1437X =

229 21 =
40545 79409 37505 95133 69530 92236 50581 46619 01940 19993
99501 53989 19993 79855 68178 75647 70321 78690 65793 12514
34XXX =

000 18 =
13093 11999 33199 93519 99371 99939 19994 11999 43199 94519
99471 99949 19995 11999 53199 95519 99571 99959

AR

10858 kHz, 28-03, 1650 UTC

T53Y T53Y T53Y DE 2P92 2P92 QTC 251 29 =
26310 15364 90080 30264 92556 46178 60120 91350 30255 25838
56500 45604 36217 24974 99171 61436 3612X RRRRR 207XX WWWWW

74851 57415 15729 52977 05975 04915 50491 4XXXX NNNNN =

244 38 =

40545 79419 34505 95309 29185 05254 02036 90603 52631 50593
71399 41063 36995 92189 60336 95095 30426 61901 78494 77909
33154 78494 09017 84948 15478 49409 01784 94815 47849 45901
78494 77909 33154 78494 56581 61185 20543 7XXXX =

241 43 =

40545 79419 33505 95433 69530 92704 45802 06183 51505 93513
99420 63369 95819 99592 18960 33695 30926 61901 93719 99501
53985 19993 89359 01937 19999 50953 98619 99829 01934 19993
69351 53986 19998 29019 34199 93693 51539 85199 95521 80256
58185 20643 7XXXX =

240 36 =

40545 79419 32505 95433 69530 92197 81202 00105 05937 13993
99700 63369 95821 89593 36953 09266 19019 51199 93515 49409
01951 19993 51549 51199 93590 19501 54951 19993 59019 46199
93215 49371 99935 65806 41852 05437 =

237 39 =

40545 79409 39505 95433 69530 92197 81231 56315 05937 13994
40635 05957 96033 69530 92661 90195 21999 38939 05495 51999
86901 95219 99289 39154 95519 99399 32901 95219 99311 54955
19993 99329 01952 15495 51999 86658 06418 52054 37XXX =

230 20 =

40545 79409 38505 95133 69530 92236 50581 46619 01940 19993
99751 54930 93093 70417 56477 03201 96907 14657 93125 1437X =

229 21 =

40545 79409 37505 95133 69530 92236 50581 46619 01940 19993
99501 53989 19993 79855 68178 75647 70321 78690 65793 12514
34XXX =

000 18 =

13093 11999 33199 93519 99371 99939 19994 11999 43199 94519
99471 99949 19995 11999 53199 95519 99571 99959

AR

10858 kHz, 29-03, 0400 UTC

T53Y T53Y T53Y DE 2P92 2P92 QTC 252 36 =
26310 05274 90080 30264 64196 41322 64017 86042 56601 20925
52760 35256 19142 23856 50053 36217 16441 72430 50136 3613X
RRRRR 207XX WWWWW 74651 57475 11739 547XX DDDDD 24407 71992
58237 78050 75129 15505 015XX NNNNN =

244 38 =

40545 79419 34505 95309 29185 05254 02036 90603 52631 50593
71399 41063 36995 92189 60336 95095 30426 61901 78494 77909
33154 78494 09017 84948 15478 49409 01784 94815 47849 45901
78494 77909 33154 78494 56581 61185 20543 7XXXX =

241 43 =

40545 79419 33505 95433 69530 92704 45802 06183 51505 93513
99420 63369 95819 99592 18960 33695 30926 61901 93719 99501
53985 19993 89359 01937 19999 50953 98619 99829 01934 19993
69351 53986 19998 29019 34199 93693 51539 85199 95521 80256
58185 20643 7XXXX =

240 36 =
40545 79419 32505 95433 69530 92197 81202 00105 05937 13993
99700 63369 95821 89593 36953 09266 19019 51199 93515 49409
01951 19993 51549 51199 93590 19501 54951 19993 59019 46199
93215 49371 99935 65806 41852 05437 =

237 39 =
40545 79409 39505 95433 69530 92197 81231 56315 05937 13994
40635 05957 96033 69530 92661 90195 21999 38939 05495 51999
86901 95219 99289 39154 95519 99399 32901 95219 99311 54955
19993 99329 01952 15495 51999 86658 06418 52054 37XXX =

230 20 =
40545 79409 38505 95133 69530 92236 50581 46619 01940 19993
99751 54930 93093 70417 56477 03201 96907 14657 93125 1437X =

229 21 =
40545 79409 37505 95133 69530 92236 50581 46619 01940 19993
99501 53989 19993 79855 68178 75647 70321 78690 65793 12514
34XXX =

000 18 =
13093 11999 33199 93519 99371 99939 19994 11999 43199 94519
99471 99949 19995 11999 53199 95519 99571 99959

AR

10858 kHz, 29-03, 1650 UTC

9M4V 9M4V 9M4V DE G1ÜB G1ÜB QTC 254 33 =
26310 15274 90080 11864 42553 11641 18317 85990 11209 25815
31871 51385 64915 83413 62172 48317 16460 89363 61208 9XXXX
RRRRR 207XX WWWWW 74852 57455 27749 50850 57705 07517 91549
89169 13XXX NNNNN =

244 38 =
40545 79419 34505 95309 29185 05254 02036 90603 52631 50593
71399 41063 36995 92189 60336 95095 30426 61901 78494 77909
33154 78494 09017 84948 15478 49409 01784 94815 47849 45901
78494 77909 33154 78494 56581 61185 20543 7XXXX =

241 43 =
40545 79419 33505 95433 69530 92704 45802 06183 51505 93513
99420 63369 95819 99592 18960 33695 30926 61901 93719 99501
53985 19993 89359 01937 19999 50953 98619 99829 01934 19993
69351 53986 19998 29019 34199 93693 51539 85199 95521 80256
58185 20643 7XXXX =

240 36 =
40545 79419 32505 95433 69530 92197 81202 00105 05937 13993
99700 63369 95821 89593 36953 09266 19019 51199 93515 49409
01951 19993 51549 51199 93590 19501 54951 19993 59019 46199
93215 49371 99935 65806 41852 05437 =

237 39 =
40545 79409 39505 95433 69530 92197 81231 56315 05937 13994
40635 05957 96033 69530 92661 90195 21999 38939 05495 51999
86901 95219 99289 39154 95519 99399 32901 95219 99311 54955
19993 99329 01952 15495 51999 86658 06418 52054 37XXX =

230 20 =
40545 79409 38505 95133 69530 92236 50581 46619 01940 19993
99751 54930 93093 70417 56477 03201 96907 14657 93125 1437X =

229 21 =
40545 79409 37505 95133 69530 92236 50581 46619 01940 19993
99501 53989 19993 79855 68178 75647 70321 78690 65793 12514
34XXX =

000 18 =
13093 11999 33199 93519 99371 99939 19994 11999 43199 94519
99471 99949 19995 11999 53199 95519 99571 99959

AR

10858 kHz, 30-03, 0400 UTC

9M4V 9M4V 9M4V DE G1ÜB G1ÜB QTC 255 37 =
26310 05284 90080 11830 26413 48118 40864 01831 78600 01120
01994 85649 15834 13621 71646 17243 15000 89363 61408 9XXXX
RRRRR 292XX WWWWW 74953 17495 67750 595XX DDDDD 09141 56000
11209 25877 05075 13915 50391 6914X NNNNN =

244 38 =
40545 79419 34505 95309 29185 05254 02036 90603 52631 50593
71399 41063 36995 92189 60336 95095 30426 61901 78494 77909
33154 78494 09017 84948 15478 49409 01784 94815 47849 45901
78494 77909 33154 78494 56581 61185 20543 7XXXX =

237 39 =
40545 79409 39505 95433 69530 92197 81231 56315 05937 13994
40635 05957 96033 69530 92661 90195 21999 38939 05495 51999
86901 95219 99289 39154 95519 99399 32901 95219 99311 54955
19993 99329 01952 15495 51999 86658 06418 52054 37XXX =

230 20 =
40545 79409 38505 95133 69530 92236 50581 46619 01940 19993
99751 54930 93093 70417 56477 03201 96907 14657 93125 1437X =

229 21 =
40545 79409 37505 95133 69530 92236 50581 46619 01940 19993
99501 53989 19993 79855 68178 75647 70321 78690 65793 12514
34XXX =

000 18 =
13093 11999 33199 93519 99371 99939 19994 11999 43199 94519
99471 99949 19995 11999 53199 95519 99571 99959

AR

10858 kHz, 30-03, 1650 UTC

P729 P729 P729 DE NREG NREG QTC 259 33 =
26310 15284 90080 11864 12550 61164 18317 86010 61603 91120
92562 78251 13538 86491 58051 34117 16461 71643 08937 36140
89XXX RRRRR 207XX WWWWW 74850 47495 44750 59477 05075 18915
49991 6914X NNNNN =

230 20 =
40545 79409 38505 95133 69530 92236 50581 46619 01940 19993
99751 54930 93093 70417 56477 03201 96907 14657 93125 1437X =

229 21 =
40545 79409 37505 95133 69530 92236 50581 46619 01940 19993
99501 53989 19993 79855 68178 75647 70321 78690 65793 12514
34XXX =

000 18 =
13093 11999 33199 93519 99371 99939 19994 11999 43199 94519
99471 99949 19995 11999 53199 95519 99571 99959

AR

10858 kHz, 31-03, 0450 UTC. Not repeated

P729 P729 P729 DE NREG NREG QTC 260 36 =
26310 04884 91080 11864 10676 44183 17860 10112 09135 18810
22562 58385 64915 81533 62171 64617 26420 89363 61408 9XXXX
RRRRR 207XX WWWWW 74453 37505 58749 591XX DDDDD 21018 80302
37770 50751 59155 00916 914XX NNNNN =

230 20 =
40545 79409 38505 95133 69530 92236 50581 46619 01940 19993
99751 54930 93093 70417 56477 03201 96907 14657 93125 1437X =

229 21 =
40545 79409 37505 95133 69530 92236 50581 46619 01940 19993
99501 53989 19993 79855 68178 75647 70321 78690 65793 12514
34XXX =

000 18 =
13093 11999 33199 93519 99371 99939 19994 11999 43199 94519
99471 99949 19995 11999 53199 95519 99571 99959

AR

10858 kHz, 31-03, 1650 UTC

1ÜBP 1ÜBP 1ÜBP DE Q885 Q885 QTC 263 32 =
26310 14884 91080 41540 82566 40255 64218 11786 01011 20920
63191 30385 65005 36411 58362 27264 41716 50089 36361 4089X
RRRRR 207XX WWWWW 74752 97475 44745 540XX 77050 74959 15499
914XX NNNNN =

262 44 =
40545 79429 30505 96133 69509 53092 66090 19371 99950 35515
39851 99938 93535 59019 37199 95035 51539 86199 98235 59019
34199 93693 53551 53986 19998 23559 01934 19993 69353 55153
98519 99553 55187 50593 50631 39942 06336 99341 99935 19993
60111 61185 21543 7XXXX =

261 26 =
40545 79419 39505 96133 69509 53092 65868 48569 00942 35515
39831 99935 35521 86449 40251 18750 59410 63369 93301 11399
40063 36993 70111 61184 20543 7XXXX =

230 20 =
40545 79409 38505 95133 69530 92236 50581 46619 01940 19993
99751 54930 93093 70417 56477 03201 96907 14657 93125 1437X =

229 21 =
40545 79409 37505 95133 69530 92236 50581 46619 01940 19993
99501 53989 19993 79855 68178 75647 70321 78690 65793 12514
34XXX =

000 18 =
13093 11999 33199 93519 99371 99939 19994 11999 43199 94519
99471 99949 19995 11999 53199 95519 99571 99959

AR

M89 - Chinese Military

5363 kHz, 20-03, 1934 UTC, i.p.

R QSL 0335 K
 HR EE RPT K
 HR WK NR 2357 K
 R DE I7JJ K
 R D EEEEE R DE I7JJ K
 R QSL 0336 K
 R HR WK NR 2120 K
 R DE S7EI K
 R QSA 2 K
 R QSL 0338 K
 R DE P8AF K
 R QSL 0340 K
 R DE .6YT K
 R QSL 0339 K
 R DE F4QQ K
 R QSL 0340 K
 SK SK

UM04 - PROMRCh

4735 kHz, 01-03, 0800 UTC	4735 kHz, 02-03, 0800 UTC	4735 kHz, 03-03, 0801 UTC	4735 kHz, 04-03, 0800 UTC
VVVVV PROMRCh = 0103 =	VVV VVV PROMRCh = 02 03 =	VVV VVV PROMRCh = 03 03 =	VVVVV PROMRCh = 04 03 =
1000 1090 1140 1330 1880	1000 1090 1140 1330 1880	1000 1080 1130 1310 1860	1000 1070 1120 1300 1840
1200 1250 1300 1480 2050	1200 1240 1290 1470 2040	1200 1230 1280 1460 2030	1200 1230 1080 1450 2020
1400 1210 1250 1410 1930	1400 1200 1250 1400 1920	1400 1200 1240 1400 1980	1400 1190 1230 1390 1910
1600 1200 1250 1410 1950	1600 1190 1240 1400 1940	1600 1180 1230 1390 1920	1600 1170 1220 1380 1910
1800 1010 1050 1190 1640	1800 1060 1050 1190 1640	1800 1000 1040 1180 1630	1800 0990 1040 1200 1690
2000 0700 0720 0820 1130	2000 0700 0720 0820 1130	2000 0700 0720 0820 1130	2000 0700 0730 0830 1140
2200 0500 0520 0590 0790	2200 0500 0520 0580 0790	2200 0500 0520 0590 0790	2200 0510 0530 0590 0800
0000 0460 0470 0530 0690	2400 0460 0470 0520 0690	0000 0460 0470 0530 0690	0000 0470 0480 0530 0700
0200 0460 0470 0520 0690	0200 0460 0470 0520 0690	0200 0460 0470 0520 0690	0200 0460 0470 0520 0690
0400 0470 0490 0540 0710	0400 0470 0480 0540 0710	0400 0470 0480 0530 0710	0400 0470 0480 0530 0700
0600 0420 0440 0500 0690	0600 0420 0440 0500 0680	0600 0420 0430 0490 0680	0600 0410 0430 0490 0670
0800 0760 0810 0970 1410	0800 0760 0810 0970 1410	0800 0760 0810 0970 1410	0800 0760 0810 0970 1410
= ABV	= ABV	= ABV	= ABV =
VVVVV PROMRCh = 0103 =	VVV VVV PROMRCh = 02 03 =	VVV VVV PROMRCh = 03 03 =	VVVVV PROMRCh = 04 03 =
1000 1090 1140 1330 1880	1000 1090 1140 1330 1880	1000 1080 1130 1310 1860	1000 1070 1120 1300 1840
1200 1250 1300 1480 2050	1200 1240 1290 1470 2040	1200 1230 1280 1460 2030	1200 1230 1080 1450 2020
1400 1210 1250 1410 1930	1400 1200 1250 1400 1920	1400 1200 1240 1400 1980	1400 1190 1230 1390 1910
1600 1200 1250 1410 1950	1600 1190 1240 1400 1940	1600 1180 1230 1390 1920	1600 1170 1220 1380 1910
1800 1010 1050 1190 1640	1800 1060 1050 1190 1640	1800 1000 1040 1180 1630	1800 0990 1040 1200 1690
2000 0700 0720 0820 1130	2000 0700 0720 0820 1130	2000 0700 0720 0820 1130	2000 0700 0730 0830 1140
2200 0500 0520 0590 0790	2200 0500 0520 0580 0790	2200 0500 0520 0590 0790	2200 0510 0530 0590 0800
0000 0460 0470 0530 0690	2400 0460 0470 0520 0690	0000 0460 0470 0530 0690	0000 0470 0480 0530 0700
0200 0460 0470 0520 0690	0200 0460 0470 0520 0690	0200 0460 0470 0520 0690	0200 0460 0470 0520 0690
0400 0470 0490 0540 0710	0400 0470 0480 0540 0710	0400 0470 0480 0530 0710	0400 0470 0480 0530 0700
0600 0420 0440 0500 0690	0600 0420 0440 0500 0680	0600 0420 0430 0490 0680	0600 0410 0430 0490 0670
0800 0760 0810 0970 1410	0800 0760 0810 0970 1410	0800 0760 0810 0970 1410	0800 0760 0810 0970 1410
= AR	= AR	= AR	= AR

4735 kHz, 05-03, 0800 UTC VVV VVV PROMRCh = 05 03 = 1000 1060 1120 1290 1820 1200 1220 1270 1440 2000 1400 1190 1230 1390 1900 1600 1170 1220 1370 1890 1800 1000 1040 1200 1700 2000 0700 0730 0830 1140 2200 0520 0530 0600 0800 0000 0470 0480 0540 0710 0200 0470 0480 0530 0700 0400 0470 0480 0540 0710 0600 0410 0430 0490 0680 0800 0760 0810 0970 1410 = ABV VVV VVV PROMRCh = 05 03 = 1000 1060 1120 1290 1820 1200 1220 1270 1440 2000 1400 1190 1230 1390 1900 1600 1170 1220 1370 1890 1800 1000 1040 1200 1700 2000 0700 0730 0830 1140 2200 0520 0530 0600 0800 0000 0470 0480 0540 0710 0200 0470 0480 0530 0700 0400 0470 0480 0540 0710 0600 0410 0430 0490 0680 0800 0760 0810 0970 1410 = AR	4735 kHz, 06-03, 0800 UTC VVV VVV PROMRCh = 0603 = 1000 1060 1110 1290 1820 1200 1220 1270 1440 1910 1400 1190 1230 1390 1900 1600 1170 1210 1370 1890 1800 1000 1050 1210 1700 2000 0710 0740 0840 1150 2200 0520 0540 0600 0810 0000 0480 0490 0540 0700 0200 0470 0470 0530 0690 0400 0470 0480 0530 0710 0600 0410 0430 0490 0670 0800 0770 0810 0970 1410 = ABV VVV VVV PROMRCh = 0603 = 1000 1060 1110 1290 1820 1200 1220 1270 1440 1910 1400 1190 1230 1390 1900 1600 1170 1210 1370 1890 1800 1000 1050 1210 1700 2000 0710 0740 0840 1150 2200 0520 0540 0600 0810 0000 0480 0490 0540 0700 0200 0470 0470 0530 0690 0400 0470 0480 0530 0710 0600 0410 0430 0490 0670 0800 0770 0810 0970 1410 = AR	4735 kHz, 07-03, 0802 UTC VVVVV PROMRCh = 07 03 = 1000 1060 1110 1290 1820 1200 1220 1270 1440 1990 1400 1190 1230 1390 1890 1600 1170 1210 1370 1890 1800 1000 1050 1210 1700 2000 0720 0740 0840 1150 2200 0530 0540 0610 0820 2400 0480 0490 0550 0710 0200 0460 0470 0520 0690 0400 0470 0480 0530 0710 0600 0410 0430 0490 0670 0800 0770 0810 0970 1410 = ABV = VVVVV PROMRCh = 07 03 = 1000 1060 1110 1290 1820 1200 1220 1270 1440 1990 1400 1190 1230 1390 1890 1600 1170 1210 1370 1890 1800 1000 1050 1210 1700 2000 0720 0740 0840 1150 2200 0530 0540 0610 0820 2400 0480 0490 0550 0710 0200 0460 0470 0520 0690 0400 0470 0480 0530 0710 0600 0410 0430 0490 0670 0800 0770 0810 0970 1410 = AR	4735 kHz, 08-03, 0800 UTC VVV VVV PROMRCh = 08 03 = 1000 1060 1110 1280 1810 1200 1220 1270 1440 1980 1400 1190 1230 1380 1890 1600 1160 1210 1360 1880 1800 1000 1050 1210 1700 2000 0710 0740 0840 1140 2200 0520 0540 0610 0820 0000 0490 0500 0550 0720 0200 0470 0480 0530 0700 0400 0470 0490 0540 0710 0600 0410 0430 0490 0670 0800 0770 0820 0970 1410 = ABV VVV VVV PROMRCh = 08 03 = 1000 1060 1110 1280 1810 1200 1220 1270 1440 1980 1400 1190 1230 1380 1890 1600 1160 1210 1360 1880 1800 1000 1050 1210 1700 2000 0710 0740 0840 1140 2200 0520 0540 0610 0820 0000 0490 0500 0550 0720 0200 0470 0480 0530 0700 0400 0470 0490 0540 0710 0600 0410 0430 0490 0670 0800 0770 0820 0970 1410 = AR
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4735 kHz, 09-03, 0800 UTC VVVVV PROMRCh = 0 9 0 3 = 1000 1060 1110 1280 1800 1200 1220 1260 1430 1970 1400 1190 1230 0138 1890 1600 1160 1210 1360 1870 1800 1010 1050 1210 1700 2000 0710 0740 0830 1140 2200 0520 0540 0610 0810 0000 0490 0500 0550 0720 0200 0470 0480 0530 0700 0400 0470 0490 0540 0710 0600 0410 0430 0490 0670 0800 0780 0820 0980 1420 = ABV = VVVVV PROMRCh = 0 9 0 3 = 1000 1060 1110 1280 1800 1200 1220 1260 1430 1970 1400 1190 1230 0138 1890 1600 1160 1210 1360 1870 1800 1010 1050 1210 1700 2000 0710 0740 0830 1140 2200 0520 0540 0610 0810 0000 0490 0500 0550 0720 0200 0470 0480 0530 0700 0400 0470 0490 0540 0710 0600 0410 0430 0490 0670 0800 0780 0820 0980 1420 = AR	4735 kHz, 10-03, 0800 UTC VVV VVV PROMRCh = 10 03 = 1000 1060 1110 1270 1790 1200 1220 1260 1430 1570 1400 1200 1240 1390 1890 1600 1170 1210 1360 1870 1800 1020 1060 1220 1710 2000 0720 0750 0850 1160 2200 0530 0550 0620 0830 0000 0500 0510 0560 0730 0200 0470 0480 0540 0700 0400 0470 0490 0540 0710 0600 0410 0430 0490 0670 0800 0780 0830 0980 1430 = ABV VVV VVV PROMRCh = 10 03 = 1000 1060 1110 1270 1790 1200 1220 1260 1430 1570 1400 1200 1240 1390 1890 1600 1170 1210 1360 1870 1800 1020 1060 1220 1710 2000 0720 0750 0850 1160 2200 0530 0550 0620 0830 0000 0500 0510 0560 0730 0200 0470 0480 0540 0700 0400 0470 0490 0540 0710 0600 0410 0430 0490 0670 0800 0780 0830 0980 1430 = AR	4735 kHz, 11-03, 0800 UTC VVV VVV PROMRCh = 1103 = 1000 1060 1110 1270 1790 1200 1220 1270 1430 1970 1400 1210 1250 1400 1900 1600 1170 1210 1370 1860 1800 1030 1070 1230 1710 2000 0740 0760 0860 1170 2200 0550 0570 0630 0850 0000 0510 0520 0570 0750 0200 0480 0490 0540 0710 0400 0480 0490 0550 0720 0600 0410 0430 0490 0670 0800 0780 0830 0980 1430 = ABV VVV VVV PROMRCh = 1103 = 1000 1060 1110 1270 1790 1200 1220 1270 1430 1970 1400 1210 1250 1400 1900 1600 1170 1210 1370 1860 1800 1030 1070 1230 1710 2000 0740 0760 0860 1170 2200 0550 0570 0630 0850 0000 0510 0520 0570 0750 0200 0480 0490 0540 0710 0400 0480 0490 0550 0720 0600 0410 0430 0490 0670 0800 0780 0830 0980 1430 = AR	4735 kHz, 12-03, 0800 UTC VVVVV PROMRCh = 12 03 = 1000 1060 1110 1280 1890 1200 1220 1260 1430 2050 1400 1210 1250 1400 1970 1600 1170 1220 1370 1910 1800 1040 1080 1240 1780 2000 0750 0780 0870 1210 2200 0570 0590 0650 0880 2400 0520 0530 0590 0780 0200 0490 0500 0550 0740 0400 0490 0500 0550 0740 0600 0420 0430 0490 0690 0800 0790 0840 0990 1050 = ABV = VVVVV PROMRCh = 12 03 = 1000 1060 1110 1280 1890 1200 1220 1260 1430 2050 1400 1210 1250 1400 1970 1600 1170 1220 1370 1910 1800 1040 1080 1240 1780 2000 0750 0780 0870 1210 2200 0570 0590 0650 0880 2400 0520 0530 0590 0780 0200 0490 0500 0550 0740 0400 0490 0500 0550 0740 0600 0420 0430 0490 0690 0800 0790 0840 0990 1050 = AR
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4735 kHz, 13-03, 0800 UTC VVV VVV PROMRCh = 13 03 = 1000 1070 1120 1280 1800 1200 1230 1270 1440 1970 1400 1220 1270 1410 1910 1600 1180 1220 1370 1860 1800 1050 1090 1250 1740 2000 0760 0780 0880 1200 2200 0570 0590 0650 0870 0000 0530 0540 0590 0770 0200 0500 0510 0560 0730 0400 0500 0510 0560 0740 0600 0420 0440 0500 0680 0800 0790 0840 0990 1440 = ABV = VVV VVV PROMRCh = 13 03 = 1000 1070 1120 1280 1800 1200 1230 1270 1440 1970 1400 1220 1270 1410 1910 1600 1180 1220 1370 1860 1800 1050 1090 1250 1740 2000 0760 0780 0880 1200 2200 0570 0590 0650 0870 0000 0530 0540 0590 0770 0200 0500 0510 0560 0730 0400 0500 0510 0560 0740 0600 0420 0440 0500 0680 0800 0790 0840 0990 1440 = AR	4735 kHz, 14-03, 0805 UTC VVVVV PROMRCh = 14 03 = 1000 1070 1110 1280 1790 1200 1230 1270 1440 1960 1400 1230 1260 1410 1910 1600 1180 1220 1370 1850 1800 1060 1110 1260 1750 2000 0770 0800 0890 2210 2200 0580 0500 0670 0880 0000 0530 0540 0600 0780 0200 0500 0510 0570 0740 0400 0500 0510 0560 0740 0600 0420 0440 0500 0680 0800 0800 0840 1000 1440 = ABV VVVVV PROMRCh = 14 03 = 1000 1070 1110 1280 1790 1200 1230 1270 1440 1960 1400 1230 1260 1410 1910 1600 1180 1220 1370 1850 1800 1060 1110 1260 1750 2000 0770 0800 0890 2210 2200 0580 0500 0670 0880 0000 0530 0540 0600 0780 0200 0500 0510 0570 0740 0400 0500 0510 0560 0740 0600 0420 0440 0500 0680 0800 0800 0840 1000 1440 = AR	4735 kHz, 15-03, 0800 UTC VVV VVV PROMRCh = 15 03 = 1000 1180 1220 1390 1930 1200 1330 1370 1540 2090 1400 1320 1360 1500 2020 1600 1250 1290 1430 1940 1800 1130 1170 1330 1830 2000 0820 0840 0940 1270 2200 0620 0640 0700 0940 0000 0560 0570 0630 0810 0200 0520 0530 0580 0750 0400 0510 0520 0580 0750 0600 0430 0450 0500 0690 0800 0810 0860 1010 1470 = ABV VVV VVV PROMRCh = 15 03 = 1000 1180 1220 1390 1930 1200 1330 1370 1540 2090 1400 1320 1360 1500 2020 1600 1250 1290 1430 1940 1800 1130 1170 1330 1830 2000 0820 0840 0940 1270 2200 0620 0640 0700 0940 0000 0560 0570 0630 0810 0200 0520 0530 0580 0750 0400 0510 0520 0580 0750 0600 0430 0450 0500 0690 0800 0810 0860 1010 1470 = AR	4735 kHz, 16-03, 0800 UTC VVVVV PROMRCh = 16 03 = 1000 1070 1120 1280 1780 1200 1230 1280 1440 1960 1400 1240 1280 1420 1920 1600 1190 1230 1370 1860 1800 1090 1130 1280 1770 2000 0790 0820 0920 1240 2200 0600 0620 0690 0910 0000 0550 0560 0620 0800 0200 0510 0520 0570 0740 0400 0500 0510 0570 0740 0600 0430 0440 0500 0680 0800 0800 0850 1000 1450 = ABV = VVVVV PROMRCh = 16 03 = 1000 1070 1120 1280 1780 1200 1230 1280 1440 1960 1400 1240 1280 1420 1920 1600 1190 1230 1370 1860 1800 1090 1130 1280 1770 2000 0790 0820 0920 1240 2200 0600 0620 0690 0910 0000 0550 0560 0620 0800 0200 0510 0520 0570 0740 0400 0500 0510 0570 0740 0600 0430 0440 0500 0680 0800 0800 0850 1000 1450 = AR
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4735 kHz, 17-03, 0800 UTC VVVVV PROMRCh = 17 03 = 1000 1070 1110 1270 1780 1200 1230 1270 1430 1950 1400 1240 1280 1420 1920 1600 1190 1230 1370 1850 1800 1090 1130 1280 1780 2000 0800 0830 0930 1240 2200 0620 0640 0700 0930 2400 0550 0570 0620 0810 0200 0520 0530 0580 0760 0400 0510 0520 0570 0750 0600 0430 0450 0500 0680 0800 0810 0850 1000 1450 = ABV = VVVVV PROMRCh = 17 03 = 1000 1070 1110 1270 1780 1200 1230 1270 1430 1950 1400 1240 1280 1420 1920 1600 1190 1230 1370 1850 1800 1090 1130 1280 1780 2000 0800 0830 0930 1240 2200 0620 0640 0700 0930 2400 0550 0570 0620 0810 0200 0520 0530 0580 0760 0400 0510 0520 0570 0750 0600 0430 0450 0500 0680 0800 0810 0850 1000 1450 = AR	4735 kHz, 18-03, 0800 UTC VVV VVV PROMRCh = 18 03 = 1000 1080 1120 1280 1780 1200 1230 1270 1430 1940 1400 1240 1280 1430 1920 1600 1190 1230 1370 1840 1800 1100 1140 1290 1780 2000 0810 0840 0930 1260 2200 0620 0640 0710 0930 0000 0560 0580 0630 0820 0200 0520 0530 0590 0760 0400 0510 0520 0580 0750 0600 0430 0450 0500 0690 0800 0810 0860 1010 1450 = ABV VVV VVV PROMRCh = 18 03 = 1000 1080 1120 1280 1780 1200 1230 1270 1430 1940 1400 1240 1280 1430 1920 1600 1190 1230 1370 1840 1800 1100 1140 1290 1780 2000 0810 0840 0930 1260 2200 0620 0640 0710 0930 0000 0560 0580 0630 0820 0200 0520 0530 0590 0760 0400 0510 0520 0580 0750 0600 0430 0450 0500 0690 0800 0810 0860 1010 1450 = AR	4735 kHz, 19-03, 0800 UTC VVVVV PROMRCh = 1903 = 1000 1130 1170 1330 1840 1200 1280 1310 1470 1990 1400 1290 1320 1460 1970 1600 1220 1260 1400 1880 1800 1130 1180 1330 1830 2000 0830 0860 0960 1290 2200 0640 0660 0720 0950 0000 0570 0580 0640 0830 0200 0530 0540 0590 0770 0400 0520 0530 0590 0760 0600 0440 0450 0510 0690 0800 0820 0860 1020 1470 = ABV VVVVV PROMRCh = 1903 = 1000 1130 1170 1330 1840 1200 1280 1310 1470 1990 1400 1290 1320 1460 1970 1600 1220 1260 1400 1880 1800 1130 1180 1330 1830 2000 0830 0860 0960 1290 2200 0640 0660 0720 0950 0000 0570 0580 0640 0830 0200 0530 0540 0590 0770 0400 0520 0530 0590 0760 0600 0440 0450 0510 0690 0800 0820 0860 1020 1470 = AR	4735 kHz, 20-03, 0800 UTC VVV VVV PROMRCh = 20 03 = 1000 1070 1110 1270 1760 1200 1220 1260 1410 1920 1400 1240 1280 1420 1900 1600 1180 1220 1360 1830 1800 1110 1150 1310 1800 2000 0820 0850 0940 1270 2200 0630 0650 0720 0940 0000 0580 0590 0640 0830 0200 0540 0550 0600 0770 0400 0520 0540 0590 0770 0600 0440 0450 0510 0690 0800 0820 0860 1020 1460 = ABV VVV VVV PROMRCh = 20 03 = 1000 1070 1110 1270 1760 1200 1220 1260 1410 1920 1400 1240 1280 1420 1900 1600 1180 1220 1360 1830 1800 1110 1150 1310 1800 2000 0820 0850 0940 1270 2200 0630 0650 0720 0940 0000 0580 0590 0640 0830 0200 0540 0550 0600 0770 0400 0520 0540 0590 0770 0600 0440 0450 0510 0690 0800 0820 0860 1020 1460 = AR
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4735 kHz, 21-03, 0801 UTC VVVVV PROMRCh = 2 1 03 = 1000 1070 1110 1260 1760 1200 1220 1260 1410 1920 1400 1240 1280 1430 1910 1600 1190 1230 1370 1840 1800 1120 1160 1320 1810 2000 0830 0860 0960 1280 2200 0650 0670 0730 0960 0000 0580 0600 0650 0840 0200 0540 0560 0610 0780 0400 0530 0540 0600 0780 0600 0440 0460 0520 0700 0800 0820 0860 1020 1470 = ABV = VVVVV PROMRCh = 2 1 03 = 1000 1070 1110 1260 1760 1200 1220 1260 1410 1920 1400 1240 1280 1430 1910 1600 1190 1230 1370 1840 1800 1120 1160 1320 1810 2000 0830 0860 0960 1280 2200 0650 0670 0730 0960 0000 0580 0600 0650 0840 0200 0540 0560 0610 0780 0400 0530 0540 0600 0780 0600 0440 0460 0520 0700 0800 0820 0860 1020 1470 = AR	4735 kHz, 22-03, 0800 UTC VVV VVV PROMRCh = 22 03 = 1000 1070 1110 1260 1750 1200 1220 1260 1400 1920 1400 1250 1280 1430 1910 1600 1200 1230 1370 1850 1800 1130 1170 1330 1820 2000 0850 0870 0970 1300 2200 0660 0680 0750 0980 0000 0590 0610 0660 0860 0200 0560 0570 0620 0790 0400 0540 0560 0610 0790 0600 0450 0470 0530 0710 0800 0820 0870 1020 1470 = ABV VVV VVV PROMRCh = 22 03 = 1000 1070 1110 1260 1750 1200 1220 1260 1400 1920 1400 1250 1280 1430 1910 1600 1200 1230 1370 1850 1800 1130 1170 1330 1820 2000 0850 0870 0970 1300 2200 0660 0680 0750 0980 0000 0590 0610 0660 0860 0200 0560 0570 0620 0790 0400 0540 0560 0610 0790 0600 0450 0470 0530 0710 0800 0820 0870 1020 1470 = AR	4735 kHz, 23-03, 0800 UTC VVVVV PROMRCh = 23 03 = 1000 1080 1120 1280 1770 1200 1230 1270 1420 1930 1400 1250 1290 1440 1920 1600 1200 1240 1380 1860 1800 1140 1180 1330 1830 2000 0850 0880 0980 1310 2200 0660 0680 0750 0990 2400 0600 0610 0670 0860 0200 0560 0570 0620 0800 0400 0550 0560 0610 0800 0600 0460 0470 0530 0710 0800 0830 0870 1030 1480 = ABV = VVVVV PROMRCh = 23 03 = 1000 1080 1120 1280 1770 1200 1230 1270 1420 1930 1400 1250 1290 1440 1920 1600 1200 1240 1380 1860 1800 1140 1180 1330 1830 2000 0850 0880 0980 1310 2200 0660 0680 0750 0990 2400 0600 0610 0670 0860 0200 0560 0570 0620 0800 0400 0550 0560 0610 0800 0600 0460 0470 0530 0710 0800 0830 0870 1030 1480 = AR	4735 kHz, 24-03, 0800 UTC VVVVV PROMRCh = 2403 = 1000 1080 1120 1270 1770 1200 1230 1270 1430 1930 1400 1260 1290 1440 1920 1600 1200 1240 1380 1850 1800 1140 1180 1330 1830 2000 0860 0890 0980 1310 2200 0670 0690 0760 0990 0000 0600 0620 0670 0870 0200 0560 0580 0630 0810 0400 0550 0560 0620 0800 0600 0460 0470 0530 0720 0800 0830 0880 1030 1480 = ABV = VVVVV PROMRCh = 2403 = 1000 1080 1120 1270 1770 1200 1230 1270 1430 1930 1400 1260 1290 1440 1920 1600 1200 1240 1380 1850 1800 1140 1180 1330 1830 2000 0860 0890 0980 1310 2200 0670 0690 0760 0990 0000 0600 0620 0670 0870 0200 0560 0580 0630 0810 0400 0550 0560 0620 0800 0600 0460 0470 0530 0720 0800 0830 0880 1030 1480 = AR
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4735 kHz, 25-03, 0805 UTC VVVVV PROMRCh = 2503 = 1000 1080 1120 1270 1560 1200 1230 1270 1430 1740 1400 1260 1300 1440 1760 1600 1210 1240 1380 1720 1800 1140 1180 1330 1720 2000 0860 0890 0990 1250 2200 0690 0710 0770 0960 0000 0610 0630 0690 0840 0200 0570 0580 0630 0790 0400 0560 0570 0620 0790 0600 0460 0480 0530 0700 0800 0830 0870 1020 1450 = ABV VVVVV PROMRCh = 2503 = 1000 1080 1120 1270 1560 1200 1230 1270 1430 1740 1400 1260 1300 1440 1760 1600 1210 1240 1380 1720 1800 1140 1180 1330 1720 2000 0860 0890 0990 1250 2200 0690 0710 0770 0960 0000 0610 0630 0690 0840 0200 0570 0580 0630 0790 0400 0560 0570 0620 0790 0600 0460 0480 0530 0700 0800 0830 0870 1020 1450 = AR	4735 kHz, 26-03, 0700 UTC. Changed to summer time VVV VVV PROMRCh = 26 03 = 1000 1060 1100 1260 1750 1200 1210 1250 1410 1910 1400 1240 1280 1420 1900 1600 1190 1220 1360 1830 1800 1130 1170 1320 1810 2000 0850 0870 0980 1300 2200 0670 0690 0760 1000 0000 0610 0620 0680 0870 0200 0570 0590 0640 0820 0400 0560 0570 0620 0810 0600 0460 0480 0530 0720 0800 0820 0870 1030 1470 = ABV VVV VVV PROMRCh = 26 03 = 1000 1060 1100 1260 1750 1200 1210 1250 1410 1910 1400 1240 1280 1420 1900 1600 1190 1220 1360 1830 1800 1130 1170 1320 1810 2000 0850 0870 0980 1300 2200 0670 0690 0760 1000 0000 0610 0620 0680 0870 0200 0570 0590 0640 0820 0400 0560 0570 0620 0810 0600 0460 0480 0530 0720 0800 0820 0870 1030 1470 = AR	4735 kHz, 27-03, 0800 UTC VVVVV PROMRCh = 2703 = 1000 1040 1090 1240 1730 1200 1190 1230 1380 1880 1400 1220 1260 1400 1890 1600 1170 1210 1350 1820 1800 1120 1160 1310 1800 2000 0850 0870 0970 1300 2200 0670 0690 0800 1000 0000 0610 0620 0680 0870 0200 0560 0580 0630 0810 0400 0540 0560 0610 0800 0600 0460 0470 0530 0710 0800 0810 0900 1010 1460 = ABV VVVVV PROMRCh = 2703 = 1000 1040 1090 1240 1730 1200 1190 1230 1380 1880 1400 1220 1260 1400 1890 1600 1170 1210 1350 1820 1800 1120 1160 1310 1800 2000 0850 0870 0970 1300 2200 0670 0690 0800 1000 0000 0610 0620 0680 0870 0200 0560 0580 0630 0810 0400 0540 0560 0610 0800 0600 0460 0470 0530 0710 0800 0810 0900 1010 1460 = AR	4735 kHz, 28-03, 0705 UTC VVVVV PROMRCh = 2 8 0 3 = 1000 1040 1080 1230 1720 1200 1190 1230 1380 1880 1400 1220 1250 1390 1880 1600 1170 1210 1350 1810 1800 1120 1160 1310 1800 2000 0850 0870 0970 1300 2200 0670 0690 0760 1000 0000 0610 0620 0680 0870 0200 0570 0580 0630 0810 0400 0550 0560 0610 0800 0600 0460 0480 0530 0710 0800 0810 0850 1010 1450 = ABV = VVVVV PROMRCh = 2 8 0 3 = 1000 1040 1080 1230 1720 1200 1190 1230 1380 1880 1400 1220 1250 1390 1880 1600 1170 1210 1350 1810 1800 1120 1160 1310 1800 2000 0850 0870 0970 1300 2200 0670 0690 0760 1000 0000 0610 0620 0680 0870 0200 0570 0580 0630 0810 0400 0550 0560 0610 0800 0600 0460 0480 0530 0710 0800 0810 0850 1010 1450 = AR
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4735 kHz, 29-03, 0800 UTC VVV VVV PROMRCh = 29 03 = 1000 1030 1080 1220 1700 1200 1180 1220 1370 1870 1400 1210 1250 1390 1870 1600 1160 1200 1340 1810 1800 1120 1160 1310 1800 2000 0850 0880 0970 1300 2200 0670 0690 0760 0990 0000 0610 0620 0680 0870 0200 0560 0580 0630 0810 0400 0540 0560 0610 0800 0600 0460 0480 0530 0710 0080 0810 0850 1000 1440 = ABV VVV VVV PROMRCh = 29 03 = 1000 1030 1080 1220 1700 1200 1180 1220 1370 1870 1400 1210 1250 1390 1870 1600 1160 1200 1340 1810 1800 1120 1160 1310 1800 2000 0850 0880 0970 1300 2200 0670 0690 0760 0990 0000 0610 0620 0680 0870 0200 0560 0580 0630 0810 0400 0540 0560 0610 0800 0600 0460 0480 0530 0710 0080 0810 0850 1000 1440 = AR	4735 kHz, 30-03, 0715 UTC VVVVV PROMRCh = 30 03 = 1000 1020 1070 1120 1700 1200 1180 1220 1370 1870 1400 1210 1250 1390 1870 1600 1160 1190 1340 1810 1800 1110 1150 1310 1800 2000 0840 0870 0970 1290 2200 0670 0690 0760 0990 2400 0610 0620 0680 0870 0200 0560 0580 0620 0800 0400 0540 0550 0610 0790 0600 0460 0470 0530 0710 0800 0800 0850 1000 1440 = ABV = VVVVV PROMRCh = 30 03 = 1000 1020 1070 1120 1700 1200 1180 1220 1370 1870 1400 1210 1250 1390 1870 1600 1160 1190 1340 1810 1800 1110 1150 1310 1800 2000 0840 0870 0970 1290 2200 0670 0690 0760 0990 2400 0610 0620 0680 0870 0200 0560 0580 0620 0800 0400 0540 0550 0610 0790 0600 0460 0470 0530 0710 0800 0800 0850 1000 1440 = AR	4735 kHz, 31-03, 0800 UTC VVV VVV PROMRCh = 31 03 = 1000 1020 1070 1220 1700 1200 1170 1210 1370 1860 1400 1200 1240 1380 1870 1600 1160 1190 1330 1810 1800 1120 1160 1310 1800 2000 0840 0870 0970 1300 2200 0670 0690 0750 1000 0000 0610 0620 0680 0870 0200 0560 0570 0620 0800 0400 0540 0560 0610 0790 0600 0460 0480 0530 0710 0800 0800 0840 1000 1440 = ABV VVV VVV PROMRCh = 31 03 = 1000 1020 1070 1220 1700 1200 1170 1210 1370 1860 1400 1200 1240 1380 1870 1600 1160 1190 1330 1810 1800 1120 1160 1310 1800 2000 0840 0870 0970 1300 2200 0670 0690 0750 1000 0000 0610 0620 0680 0870 0200 0560 0570 0620 0800 0400 0540 0560 0610 0790 0600 0460 0480 0530 0710 0800 0800 0840 1000 1440 = AR
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DIGITAL MODES

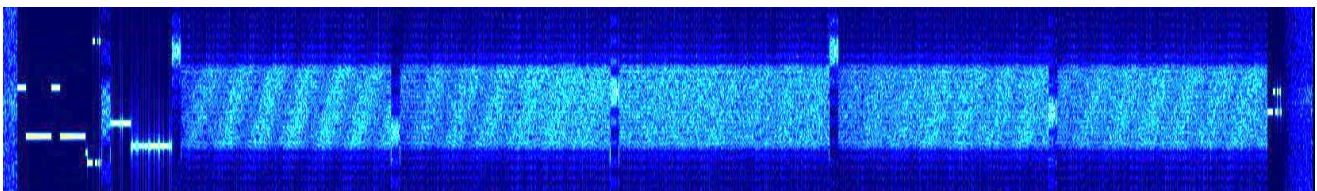
Russian Government networks (including intelligence agencies, domestic and international nets) . Designators F01, F06, F06a, M42, M42b

M42 – various modes

18273 kHz, 31-03, 0526 UTC, MFSK-11

Exercises/test

24527/23158/23866/21875/20649/19319 kHz	31-03, 0700/0710/0720/0730/0740/0750 UTC	8xQSPK/62.5Bd+250Bd BPSK
24381/23137/22875/21894/20752/19601 kHz	31-03, 0800/0810/0820/0830/0840/0850 UTC	8xQSPK/62.5Bd+250Bd BPSK
24427/23124/22886/21873/20458/19111 kHz,	31-03, 0900/0910/0920/0930/0940/0950 UTC	8xQSPK/62.5Bd+250Bd BPSK
20494/19181/17441/16259/15834/14574 kHz	31-03, 1000/1010/1020/1030/1040/1050 UTC	8xQSPK/62.5Bd+250Bd BPSK
16293/15872/14754/13392/11439/10358 kHz	31-03, 1200/1210/1220/1230/1240/1250 UTC	8xQSPK/62.5Bd+250Bd BPSK
15874/14383/13441/12158/11544/10394 kHz	31-03, 1300/1310/1320/1330/1340/1350 UTC	8xQSPK/62.5Bd+250Bd BPSK
13887/13372/12187/11021/10237/9307 kHz	31-03, 1400/1410/1420/1430/1440/1450 UTC	8xQSPK/62.5Bd+250Bd BPSK
12173/11544/10351/9397/9109/8174 kHz	31-03, 1500/1510/1520/1530/1540/1550 UTC	8xQSPK/62.5Bd+250Bd BPSK



10870 kHz, 22-03, 0640 UTC, FSK 50/500. Tests for 1,5hrs

121741/01 CEH

IZ AB270 NR 002 2290392023 0933 ADMINISTRATOR=

VIL BY CITRUS? DA, NO FALX&826' !(+3.0)14.

1234567890+ POIUYTREWQAZ QWERTYUIOPAZ POIUYTREWQAZ

QWERTYUIOP ASDFGHJKL ZXCVCBNM QWERTYUIOP ASDFGHJKL ZXCVCBNM

PROWERKA SWQZI PROWERKA SWQZI PROWERKA SWQZI (means: check connection)

14380 kHz, 23-03, 1000 UTC, FSK 100/500. Poor signal

RBD QTC?

QSA4 ZZC QTC2 K

11100 30109 12365 23064 05003

46697 85545 21951 14504 53554 73542 38586 21474 10030 77213

29339 66803 42455 07986 25140 49163 39282091574 16886 34632

63190 85790 63222 64357 36635 39541 29278 16998 90827 61453

73557 11893 32321 01568 25146063191 57400 26536 18454 25773

08660 17762 77652 79214 73554 82912 68014 60220 55322 29257

56330 06602 -44) 72254 47597 26984 55857 77828 90164 61655

80082 61779 66525 38893 05469 94755 11933 20008 38741 86237

28049 59663 60032 45948 83787 78869 31595 46159 20558 59947

16374 33303 04092 74401 61129062343 90038 79644 23789 52331

95510 45504 49765 86600 .3718096452 26821 06019 74340 80498

73295 68746 35376 00672 39282 74943 01098 70053 25501 79842

80851 76263 49525 43649 12356 66371 14061 91688 56206 88148

96968 83253 33829 48610 87702 12566 26087 75769 39872 90322

74710 94567 94596 79227 53753 52888 54355 81982 03256 58612

72007 05143 422.2 13667 64676 47294 03620 55859 67189 84986

57075 44866 04750 54859 13946 52600 89538 55386 29473 44605

70926 16698 45696 06226 93989 11907 41811 46964 46011 08362

84240 51957 95661 82300 93589 5314009693. 45300 70693 44416

25-62 55994 48933 61770 4.298 15476 64998 40666 58728 69832

69310 47283 29109 68240 90263 38086 20632 50072 03493 40114

87821 59440 58348 59059 28827 10620 18763 52349 94639 52791

76700 19159 12842 07530 33377 05235 05593 77495 36431 07962

06537 49742 90277 04691 06337 42103 65310 47283 29105 68240

90263 38086 20637 -072 03493 40114 8- 21 59440 58341 9,059

28827 10620 18763 5234.#.4639 52791 76700 85155 12142 07530

33377 05235 05593 77495 36438 97562 06537 4.742 90277 04691

06337 42103 11692 23760 81494 66074 88052 16115 86171 04638

60186 90452 11679 28469 97146 45441 43314 98955 55074 82752

69307 31478 57320 26440 21422 17368 98028 09604 52045 28012

56364 14275 77366 49506 63573 75464 41360 21328 90059 8535

80256 77439 44672 58236 92191 13275 03386 43146 41713 27430

9563 93444 15387

QSW 18936 ?

14380 kHz, 23-02, 1232 UTC, FSK 50/500 + CW, i.p.

0221 38964 92443 99680 27022 89443 87968 02467 =100=

-1233 K

CFM QRU? K

ZVP K

BK BK QRV K

NIL K

R 385 1237 K

SK

15868 kHz, 29-03, 0710 UTC, FSK 50/500. Tests for 1h40m
PROWERKA SWQBI. PROWERKA SWQZI. PROWERKA SWQZI.
11111 22222 33333 44444 55555 66666 77777 88888 99999 00000
11111 22222 33333 44444

121741/1 CEH
IZ RWI-3 NR 12 29/03/2023 1032
PROWERKA SWQZI. KAKOWA RAZBOR RIWOST / MOIH SIGNALOW? VDU
OTWETA. PRIEM.

BK 121

YYYYYYYYYYYYYYYYYYYY for 32 minutes

F01 – FSK 200/500

10467/8094/6779 kHz, 01-03, 1940/1950/2000 UTC
Null message: 5761 00000 +++++ +++++

F01 – FSK 200/500 exercises/tests

10607/13983/18288 kHz, 21-03, 0930/0940/0950 UTC
88361 25803 20293 51565 65917 06293 81865 20207 49614 20581
37238 58792 59726 32475 73098 61236 87365 04370 43464 09031
34864 08139 52387 84170 49036 85673 20824 49807 47319 08136
40274 52873 41797 09630 52428 41274 54834 19621 05072 03868
46818 59587 23938 91082 03145 27427 42954 96456 59097 65142
19692 35795 51303 19403 31793 73619 34313 81464 92545 14689
36187 48376 61983 05231 20513 45170 82648 47351 69728 89718
24164 63709 97279 40308 60741 23652 35319 62828 61743 92952
16239 54087 01632 09215 18748 28015 51792 58302 56025 30901
63454 76497 15075 09787 92378 75132 86042 92132 34531 02375
26424 23802 86101 48518 54724 90564 75061 38207 53175 59109
13529 06101 24379 74375 71762 12871 96934 73052 07292 29847
40236 59072 86282 03039 09123 41212 27892 06937 72135 78925
61790 80549 23138 68736 53454 71375 16726 87853 19604 02463
51717 72375 15176 79014 70650 05019 38506 81491 25838 78091
34101 81874 41964 97230 62359 41746 15156 00000 +++++

10826/13379/16296 kHz, 21-03, 1100/1110/1120 UTC
02196 43070 11111 73949 16247 54729 60171 09034 63107 54640
54875 65390 96287 08260 15251 84313 17470 34034 53487 72618
96078 69815 32708 03406 17569 70248 90458 73463 12617 25932
89736 67406 36405 46785 61292 50202 18357 24109 37649 30681
38478 81816 15607 71741 21758 34930 07651 17591 31902 30810
26050 00000 +++++ +++++

5776/9192/13439 kHz, 21-03/22-03, 1540/1550/1600 UTC
63293 38015 50549 86208 18635 35709 28132 01712 90616 53056
95860 74863 79457 98787 80647 06494 18034 72869 23956 73791
61346 47419 67491 63280 62425 04841 89302 16415 86562 94570
87907 06714 93146 58787 87684 73572 38543 49601 51491 65453
09209 79676 25276 18506 30580 23693 17646 17302 12580 85264
74837 56109 45445 67877 04054 00000 +++++

10607/13983/18288 kHz, 22-03, 0930/0940/0950 UTC.
88361 25803 20293 51565 65917 06293 81865 20207 49614 20581
37238 58792 59726 32475 73098 61236 87365 04370 43464 09031
34864 08139 52387 84170 49036 85673 20824 49807 47319 08136
40274 52873 41797 09630 52428 41274 54834 19621 05072 03868
46818 59587 23938 91082 03145 27427 42954 96456 59097 65142
19692 35795 51303 19403 31793 73619 34313 81464 92545 14689
36187 48376 61983 05231 20513 45170 82648 47351 69728 89718

24164 63709 97279 40308 60741 23652 35319 62828 61743 92952
16239 54087 01632 09215 18748 28015 51792 58302 56025 30901
63454 76497 15075 09787 92378 75132 86042 92132 34531 02375
26424 23802 86101 48518 54724 90564 75061 38207 53175 59109
13529 06101 24379 74375 71762 12871 96934 73052 07292 29847
40236 59072 86282 03039 09123 41212 27892 06937 72135 78925
61790 80549 23138 68736 53454 71375 16726 87853 19604 02463
51717 72375 15176 79014 70650 05019 38506 81491 25838 78091
34101 81874 41964 97230 62359 41746 15156 00000 00000 00000

88361 25803 20293 51565 65917 06293 81865 20207 49614 20581
37238 58792 59726 32475 73098 61236 87365 04370 43464 09031
34864 08139 52387 84170 49036 85673 20824 49807 47319 08136
40274 52873 41797 09630 52428 41274 54834 19621 05072 03868
46818 59587 23938 91082 03145 27427 42954 96456 59097 65142
19692 35795 51303 19403 31793 73619 34313 81464 92545 14689
36187 48376 61983 05231 20513 45170 82648 47351 69728 89718
24164 63709 97279 40308 60741 23652 35319 62828 61743 92952
16239 54087 01632 09215 18748 28015 51792 58302 56025 30901
63454 76497 15075 09787 92378 75132 86042 92132 34531 02375
34101 16101 00000 +++++

10826/13379/16296 kHz, 22-03, 1100/1110/1120 UTC

22376 43070 48545 73949 16247 54729 60171 09034 63107 54656
34875 65390 96287 08260 15251 84313 17470 34034 53487 72990
78078 69815 32708 03406 17569 70248 90458 73463 12617 25112
09736 67406 36405 46785 61292 50202 18357 24109 37649 24581
12478 81816 15607 71741 21758 34930 07651 17591 31902 66345
37374 47347 47367 47448 19287 27055 00000

F01 – FSK 200/500 Mon-Fri schedule

10861/8187/6939 kHz, 01-03, 1015/1025/1035 UTC

56923 72641 31082 72537 01191 51973 71501 62470 35272 70531
35427 89631 68016 15315 46598 91434 55111 82905 53626 14431
21784 36716 34973 32941 24657 60033 82930 62686 88708 84553
65034 61643 80259 99090 86370 35285 01944 68152 01182 88405
20579 15059 47244 90715 63890 49310 01423 48391 47016 42870
79863 98774 14743 85069 31245 70397 10391 70808 96543 75530
07305 01742 33728 27440 63875 05155 30845 99533 88034 00181
55912 68593 22167 66090 17069 09276 84356 92304 31417 32071
26928 14842 25995 81903 98210 68872 19309 39566 18455 12080
56878 93175 05859 98504 99214 71834 13616 07569 85685 58680
63943 57958 22692 25531 90024 61064 69594 56288 21787 93650
20845 51299 76475 94460 07731 29869 39946 14429 68194 73100
49618 75193 58160 74251 15023 15600 02791 88805 36892 30882
11135 01432 10713 34199 02583 52029 25701 95231 18581 88037
95112 35513 18035 35213 78848 85183 79843 04037 84274 30859
60996 73966 56211 09307 83678 22700 92010 26600 49816 92649
42675 07455 06495 11811 85947 04426 10709 11209 82309 21658
66845 06125 49831 32872 35376 33264 18801 98274 36169 61084
52082 10093 94869 15444 42129 21390 05785 87777 20599 37889
09711 17974 41501 77460 10135 69149 23815 26978 76258 36507
64525 51219 06272 57460 57999 33515 49321 15216 82648 52816
09605 53001 40817 26874 81032 41124 62828 76225 85892 64052
11128 88663 15960 19696 45465 88885 99482 48094 35045 43003
42479 31670 28587 52603 17804 34268 18239 18048 00386 71142
58270 75699 72111 27089 24491 38760 44765 64910 25327 96408
74476 91403 00499 50933 66110 73049 68229 97527 91029 18603
06931 76465 66685 70757 82293 52313 71449 74085 55732 99884
93147 11434 35107 01629 34713 25963 53677 86118 25412 71018
88206 62348 11077 55024 52175 29519 21769 73578 25014 66998
40330 45948 03327 34140 20250 98143 85008 34661 26279 59761

22224 25254 96246 66789 04162 73121 47493 87549 55511 92129
76378 13978 61613 12263 24294 85420 56185 62056 08609 37140
32605 68720 42002 90712 64650 05613 88609 28512 47657 41775
30424 19458 96024 73195 42385 88223 57999 40506 99600 45090
33694 62789 65132 18630 07251 42186 31791 58410 29118 18991
16363 99902 09349 81929 29723 08792 07882 63285 71265 46861
32727 73593 21080 26648 82002 55563 28329 47060 90750 61926
19246 27136 68485 86902 73205 80128 38390 05963 40295 95122
14125 03583 98827 18349 75154 93673 76235 51395 26563 62368
81778 08501 54268 87867 24504 00119 11592 17023 14905 34940
98104 03336 73701 57551 16709 36087 96189 63939 19862 15251
45593 62002 80920 51904 73862 09415 00000 +++++ +++++ +++++

10861/8187/6939 kHz, 02-03, 1015/1025/1035 UTC

40980 68678 57117 67412 76326 17676 81281 73489 79758 33951
27684 77802 98682 94564 56700 32604 21190 49119 37122 60731
30879 37651 54351 90342 49279 46503 08541 39361 26818 06882
26109 66808 68247 65772 33074 33224 03495 83909 63644 37357
39845 40478 02494 21307 56426 49249 84174 61314 26902 15822
98083 86385 81331 90671 72451 91929 43130 97680 35750 40612
02059 42852 79003 67592 09187 32879 67393 32353 04769 58271
74631 84290 14968 20714 38521 10075 00000 00000 00000 00000

17756 65024 19614 50896 59552 91915 63421 15816 09179 43224
25997 09550 35538 30539 75616 00103 86818 10697 50920 28024
77474 89431 22952 35316 26474 81388 38919 03024 39008 87401
52396 20950 48845 75013 69620 37949 63510 73144 66612 66215
79495 16860 56761 38015 59667 03177 13607 38295 90068 43840
78466 61615 58313 26011 07628 66824 20739 16800 38769 27939
50520 72589 81312 04641 83931 39073 60385 80843 06932 52961
69086 44771 49279 81281 08738 08965 78346 59212 21813 93677
09834 12395 47229 22087 77559 11085 00000 +++++

10861/8187/6939 kHz, 03-03, 1015/1025/1035 UTC

Null message: 5761 00000 +++++ +++++

10861/8187/6939 kHz, 06-03, 1015/1025/1035 UTC

98198 32658 82780 31234 31271 88209 21136 74332 45090 57431
10376 48586 18642 46666 14223 07640 70321 73742 26086 14899
73964 66890 57408 54018 55055 64543 30410 61372 96799 64452
17416 91424 10754 95553 93945 50953 51679 11033 97768 63056
81335 26008 11099 46885 10879 48290 08123 24031 76566 75641
35047 87515 28445 57975 14854 94315 36715 47938 93949 67353
45465 88303 72895 17908 28446 09621 88408 24366 26593 36563
38820 28263 71969 26392 70178 33543 27822 87993 65180 19978
99440 54926 02130 06693 95505 10894 76091 26715 44609 91113
99456 98503 96637 07993 24070 05386 63713 74554 52142 18844
80366 24067 28115 26582 87634 49294 28665 51321 70776 09809
93049 71250 05290 80822 60962 78080 90908 41940 10103 33626
78284 29311 10640 10866 18030 99582 38749 30410 86808 79110
16435 28320 70165 96871 69791 16204 06786 24488 22924 19543
23863 71829 69695 05180 18271 11619 90488 33893 63222 31475
06182 99020 45102 36835 86519 37044 60167 53196 55057 21094
25794 01111 57884 73289 85966 42367 88299 56880 15689 20808
84633 34096 54010 46210 43398 00660 20355 94667 14964 32909
93833 23919 73936 08435 60236 27051 81429 86207 56386 73022
81427 57110 66547 07436 98402 00811 50561 12005 28404 09930
08425 46152 40781 67427 10964 19169 32748 88148 51324 66380
03957 60466 96938 27755 43284 48964 46672 52390 45017 44086
22838 77310 96608 69699 52756 54031 05214 84504 19553 21302
55178 38229 86884 47482 13672 68549 27279 90987 26650 49662
08775 52235 72346 28466 19546 15532 64458 09269 35207 04342
22239 72970 58484 98371 49659 41660 85923 85904 90854 24553

81356 49835 54013 06221 60773 10821 20918 63035 18325 76009
84319 18785 48113 66769 80325 75375 41477 23856 08004 79571
64454 13462 53366 11717 45100 82579 59954 07356 25363 37125
13175 47703 57200 41244 30608 79905 47609 61251 75447 53022
82282 02640 35285 80660 82559 13585 33401 66218 75367 53400
64775 51656 80835 49366 73983 75743 47272 90373 17177 52711
88200 30826 75335 07262 01125 03232 10976 26852 72719 62924
85501 17208 00145 13347 79388 71993 83147 85344 82390 92585
66664 68898 45945 18871 38586 20735 14986 57028 12401 96251
81324 15215 49375 79201 25810 83100 99982 07564 41442 16187
69247 19049 54630 10853 35718 64660 86783 81055 78722 63774
23423 72628 93624 99146 82993 76124 99755 75308 02583 24115
70699 88775 82708 83916 41639 83508 58386 81651 73439 90067
88645 18602 78148 71898 81699 65782 35622 27176 97936 47676
55941 19664 97941 51062 67322 37003 27715 19889 34204 99892
58294 22109 35191 70570 21951 99429 55555 34067 12163 35912
73973 50633 39537 06351 48188 12425 00000 +++++ +++++

10861/8187/6939 kHz, 07-03, 1015/1025/1035 UTC

94141 76638 49178 96552 03786 51759 75585 64144 27247 35151
15839 46244 63698 56050 57996 67498 33125 73154 64360 58522
59182 32640 80349 94051 28709 09499 59891 13616 63840 11844
05743 16918 67657 52908 48199 51109 29307 20394 10613 32144
99533 97879 35167 67405 72557 17963 67347 71790 35237 51830
22533 94434 69457 64938 83157 98272 18678 93498 99881 59618
54571 21446 95190 79946 04711 62589 92888 27077 27215 77619
21898 47938 43315 80674 67813 20094 63761 15131 70653 34237
70021 03341 92237 24823 36196 99957 01623 13087 00000 00000

90590 64530 08942 32222 18033 35661 99316 83384 98691 05287
89566 97474 44590 18176 01750 50878 43101 13409 17375 56684
62381 20319 00859 00717 25267 96717 34404 34687 68815 95347
93996 74924 31676 69486 21199 80100 36480 53657 70437 06400
59442 80368 36458 63570 04350 18831 91654 20286 23141 46579
87935 32265 50247 89946 02844 91582 42895 94323 34588 20610
44555 10133 75696 59019 13715 05477 19971 17290 85179 41369
82422 95166 56076 70513 36891 14075 00000 +++++

10861/8187/6939 kHz, 08-03, 1015/1025/1035 UTC

26500 80255 26330 77388 32150 08396 52329 63072 85003 24817
45091 29691 79695 44066 59270 35063 03055 63945 77104 31562
97872 78071 39998 67789 90044 05343 64582 12617 27523 78479
54183 56284 04540 58839 41637 68221 69502 69685 24393 16314
40028 65105 77836 77268 73548 76752 57772 92780 66905 05615
28007 51200 83400 50991 73969 99362 30719 93854 88292 14285
38166 76803 39321 89419 06664 47783 58454 15136 29936 59761
07280 58137 10320 43547 10428 69485 17652 95947 65090 75928
64647 50436 63128 34213 97227 22538 86724 53080 23227 47099
63503 12613 27911 49643 92058 35650 49753 18999 73838 90921
14903 73385 12303 32620 53777 37131 65314 06087 48225 70243
61681 74289 82695 17978 17806 44798 97838 72633 15362 01927
69998 64723 25943 73751 65008 25746 93633 88665 39754 89711
11411 01182 89919 25633 52343 91655 67359 18160 41507 69628
15549 38543 79565 35460 96525 73120 53943 79962 07781 01507
98539 26702 12523 41685 87905 46663 31769 04173 76846 99967
71673 22457 21354 84332 84562 51894 41839 94948 87090 54249
14579 25478 83966 10065 02323 64846 70676 26055 60004 69531
13661 29704 76480 16017 31357 68257 38246 63121 24568 54295
26060 78868 29581 25084 80414 11601 92472 07868 96796 10016
88056 08324 36666 21817 31882 64335 65097 25670 58748 32289
51015 76135 66151 98082 90969 66293 46116 30021 42381 37715
53843 15800 77198 92496 86607 50754 91898 87028 71352 69568
34780 12186 84403 38626 36469 89639 51766 51197 54597 38962

03405 92639 68566 95224 79985 67811 85353 81768 15479 07874
42291 67843 44093 98682 17751 65790 04951 97941 85678 47468
42966 33320 74917 84602 29344 98706 19247 42752 50147 90803
09090 83569 36373 53237 80808 55055 33961 20372 04543 74490
37189 78023 56519 33719 33880 83254 86767 81500 35866 10435
18187 62584 93142 15763 37901 18220 15149 37431 66825 77772
47620 73621 18408 96148 78440 05525 82456 16702 70936 57558
95008 64319 48049 11992 80168 98366 75828 20138 74859 80191
19674 77330 72419 34856 71771 53846 45983 11804 73155 98975
37589 74131 78840 60429 23945 71170 39459 86256 94787 74047
97831 01479 04787 78928 23926 76610 84908 07624 36625 30267
24205 60239 85756 33041 57934 99574 92804 04833 22980 71935
73760 22831 66487 94074 92526 82317 18657 60917 18342 77502
65640 53788 85632 94552 83472 53805 79748 34028 18969 90140
97019 04891 28539 77834 52558 57291 10851 24841 34259 46300
94270 13006 26424 43799 65031 82655 51458 40692 47063 75484
03066 06641 69418 15435 69384 99510 82227 32246 69509 41701
07141 57379 51825 15413 00000 +++++ +++++

10861/8187/6939 kHz, 09-03, 1015/1025/1035 UTC

38168 48544 58237 92872 07372 63849 77976 91516 19772 18903
04364 08245 73354 66506 90736 31393 93075 22820 49805 59063
17182 92723 49208 20631 23474 94884 05593 90916 18950 03718
63180 26734 41261 50429 67726 80479 45429 50332 71843 70461
74245 48615 32601 12660 35808 01756 87344 43595 36619 36770
18688 88998 43686 55476 44588 57970 74073 75972 94466 67315
35316 28497 57296 25743 65168 47887 12601 32611 44093 29793
80306 70917 78949 42854 50370 99210 81302 14025 78134 72118
88811 29221 56348 44169 03107 16498 99772 36614 42620 03930
03336 71913 33789 69377 59747 05591 89076 24354 47536 10142
45247 99142 25423 90674 60335 21385 93987 16107 00000 00000

51377 63810 96695 75877 76343 80382 28795 35194 30207 52029
78253 36555 97111 35768 86674 45573 68075 76509 02717 01029
89424 42970 30383 00049 07415 44532 82083 07207 32484 46252
22434 17236 71571 24202 13706 26041 01938 28330 98879 89705
84926 45028 83226 76166 43112 76592 00370 39258 49255 79766
73752 69804 00515 30557 09455 03449 76352 07501 81290 89910
03567 10583 94138 53357 76893 57980 36420 98571 08604 27830
57686 42614 05556 37204 32231 76654 97110 75473 94679 87673
62382 17081 00000 +++++ +++++

10861/8187/6939 kHz, 10-03, 1015/1025/1035 UTC

Null message: 5761 00000 +++++ +++++

10861/8187/6939 kHz, 13-03, 1015/1025/1035 UTC

01423 37874 96404 22389 03853 18323 98632 25925 45921 62640
50139 33364 34118 65940 14858 81145 09495 02804 87242 24329
36289 14108 45193 94960 62504 53726 02292 57028 63419 49778
32801 25174 03930 60115 67846 39378 80681 26732 86230 12774
29926 58797 48317 94804 12039 98975 46411 16895 08627 52745
70085 12829 93181 85388 09891 31027 61198 16346 47869 80902
30705 65623 08334 80481 49145 31931 67337 97493 67537 07255
44260 01094 67866 57541 23980 66424 54623 24177 83035 99191
46456 25961 18228 72454 28846 66251 01117 92801 53762 74979
06814 38118 97218 40205 90543 34113 10689 08924 10392 61811
27301 61783 19681 13187 08753 91428 77409 37126 43890 39140
50207 42917 34885 69460 04216 53436 31943 87495 10363 25242
02490 28588 11438 77735 45760 75027 24437 98605 88744 79510
76590 17720 24412 00022 98514 66667 78159 75827 22947 66127
13422 99273 62464 08264 12378 63065 64658 26321 92693 87732
68182 68619 46235 58947 08116 19127 10693 29402 44084 31808
10057 64918 09570 70919 24873 39487 05850 74462 78222 08920

88999 82956 48362 17796 23410 00738 43962 19411 00227 81964
02883 13385 44193 58517 00416 30644 57285 51978 77941 20456
72617 36882 27935 19188 17036 47424 96251 05510 05832 44812
87641 71697 18036 87453 85416 65741 25705 71155 21227 83943
75655 31536 55858 18688 47074 25833 57012 91079 33445 36287
84994 23128 22232 62302 22249 29172 70751 93558 07676 31231
01672 81269 61676 27968 66585 49775 12856 71954 51077 15649
62323 34921 19740 06518 46528 65691 24567 96772 84566 70465
25158 02362 20903 70170 94184 01855 99431 14538 06545 75961
29836 57606 35643 82698 32152 24350 05242 10385 70510 23093
70314 75660 11967 83417 25340 58704 71366 24255 63475 92858
28184 81826 35047 50826 26278 52147 78794 94638 92479 27761
24306 81582 34985 33402 89080 43275 07453 90274 18661 80063
49774 63626 43268 37944 41433 73316 49376 60202 28406 72052
89666 30925 09533 21000 79800 52616 93294 17435 55445 25065
60950 54133 87988 17687 96940 15198 82382 52491 72530 37985
05562 39900 93604 95838 18852 34570 48563 81313 12833 03431
17246 94569 68069 23117 26841 66636 90168 48977 65693 72220
92581 22860 90963 11758 25606 11849 91079 67386 75009 95148
88893 62537 78724 41301 96520 79824 35042 42917 57757 16919
00757 01123 39044 85105 02676 76892 54902 80197 10962 51471
38771 80507 47710 63057 95204 51549 29237 11957 94342 62171
65484 51361 94616 41801 64991 05981 04603 33492 18877 85678
19980 22454 62255 86321 96524 44769 36541 95023 45072 05959
01055 41969 59393 64110 67400 66009 12917 18417 00000 +++++

10861/8187/6939 kHz, 14-03, 1015/1025/1035 UTC

25632 16693 15017 41394 70331 41610 62631 74206 06044 68159
84049 68295 29728 44099 07877 90776 72451 77181 09955 81295
09565 04775 55233 30095 94799 83117 37773 46811 47987 44637
61087 30923 51067 96769 26004 79804 32097 60724 18231 95308
41922 73623 12817 74828 53226 02468 37699 97764 36617 43341
63511 43340 93460 04318 11857 00704 50138 95499 99225 57252
43413 74608 58736 76113 51603 21592 06904 98733 51243 40670
47616 33488 03913 13258 30500 19075 00000 00000 00000 00000

58528 77213 80653 23939 75775 62040 03908 66556 74417 52078
83434 36955 20598 05743 24864 06023 57485 57613 69721 99538
79688 84224 93138 30429 13230 97687 40701 26803 74520 34331
40415 35495 06780 30549 50692 05768 17339 03045 30317 82890
64251 75654 41322 66257 65663 19946 20710 11756 30374 01763
81960 83048 33023 50926 32262 81477 82350 96261 16399 09267
55952 33147 23242 45711 99981 15765 15774 41040 17231 91252
70579 57652 92025 17937 37756 13392 25377 34829 57165 06566
78821 74586 91972 27392 50392 20085 00000 +++++

10861/8187/6939 kHz, 15-03, 1015/1025/1035 UTC

64325 21779 62767 87917 97636 05743 67185 20792 54890 51240
64948 31586 71777 15417 10212 08240 48822 79965 81835 71982
01813 47049 81718 62751 57647 62264 68383 00874 31523 44348
24260 17219 46413 26308 80088 68987 80768 37670 44899 83326
55370 82522 14985 95980 95294 93049 60325 77133 27899 63241
11883 61650 02789 92466 98218 25909 44690 93599 04862 78388
75178 45375 54869 56223 64176 93685 34015 44898 97192 31475
09045 63279 69208 11941 12439 81155 41165 74731 92107 61500
19989 89803 49475 44615 48086 48656 14378 16366 13250 57609
30207 27677 14911 12824 47757 57496 47680 61742 51194 36392
88109 80648 64592 72990 95610 23028 12474 50427 63477 18409
32792 85010 80939 26388 65794 64275 92186 75516 67195 06620
63312 41734 19113 09714 93090 46045 37188 79864 28554 76117
97337 59519 71279 61499 30571 95113 85345 57128 59315 12426
42884 14841 73676 91645 68158 47544 71079 59337 66132 15761
07734 39480 46428 91224 35338 30785 78651 77205 21490 02466

39987 90268 77217 25646 41026 33144 40075 82616 40746 13401
86253 21095 86598 87599 70118 45701 40620 35631 14637 63822
77526 94914 01117 28070 65710 09146 31702 42491 67088 71283
63053 24750 16735 65460 34668 41449 68235 37515 40260 58777
15705 48814 15638 75690 28398 93068 41540 31782 58858 80823
84832 07065 10539 21315 26533 55824 75835 56373 50086 41742
80460 26068 88329 66482 95112 70774 52590 08918 00358 99356
92343 17188 15679 78152 58883 20778 28622 20445 71425 54809
84969 81106 09095 13711 25898 86110 77229 76490 83038 51596
21436 70762 67387 72163 87834 67737 12998 83100 52941 25355
61402 26223 71607 21751 97687 74010 16465 46240 74172 91738
07320 40014 82613 42278 53916 03718 60897 63265 60520 14129
45123 71316 65758 17090 03053 72985 16147 88903 09832 87145
96746 83374 51944 08484 67393 06683 70312 66796 77921 87269
78513 61770 60833 32941 17014 77950 24851 92357 29391 09553
97779 63112 71449 49847 92124 13572 89200 24761 91904 10681
26619 75426 84090 70905 49119 19321 83109 76512 93696 44729
21854 24370 81671 18176 07637 99446 54954 09546 66516 90213
21796 64562 24444 88124 22944 79315 98664 38371 54142 56532
97811 34083 05925 48271 54121 71185 06626 14727 36222 06083
79548 53842 15927 83361 50237 81400 87464 25701 64782 66300
62590 03181 05094 50691 90012 24165 12094 09660 72575 14961
52745 30150 80633 80435 91876 13822 85048 62767 54725 33508
58262 40545 91134 97980 16865 35373 77361 04704 04113 18187
16407 85262 35815 21403 00000 +++++ +++++ +++++

10861/8187/6939 kHz, 16-03, 1015/1025/1035 UTC

37106 74897 99940 59130 17648 11571 55382 07933 75765 53463
25156 77403 21354 48648 17675 24823 91862 14630 46702 25238
68652 63847 77637 96625 71565 20297 29358 02892 42663 81950
05081 01885 55053 08666 50651 30622 07763 40270 63718 44906
92570 74510 02227 55525 43764 59549 65657 28221 06731 80703
47466 39618 86344 46106 82143 06294 61070 00986 35350 29180
73727 25237 10549 20486 34856 93992 70579 05332 99610 05860
97618 15266 04137 08527 39943 15878 72347 76417 18963 35668
29052 20082 94930 88386 80373 23085 00000 00000 00000 00000

37106 74897 99940 59130 17648 11571 55382 07933 75765 53463
25156 77403 21354 48648 17675 24823 91862 14630 46702 25238
68652 63847 77637 96625 71565 20297 29358 02892 42663 81950
05081 01885 55053 08666 50651 30622 07763 40270 63718 44906
92570 74510 02227 55525 43764 59549 65657 28221 06731 80703
47466 39618 86344 46106 82143 06294 61070 00986 35350 29180
73727 25237 10549 20486 34856 93992 70579 05332 99610 05860
97618 15266 04137 08527 39943 15878 72347 76417 18963 35668
29052 20082 94930 88386 80373 23085 00000 +++++ +++++ +++++

10861/8187/6939 kHz, 17-03, 1015/1025/1035 UTC

Null message: 5761 00000 +++++ +++++

10861/8187/6939 kHz, 20-03, 1015/1025/1035 UTC

88390 40362 64498 53158 94401 05491 86090 43917 77301 41200
49107 73426 57444 07150 16266 52432 49284 54199 09817 06894
31218 92375 45094 14544 72165 42522 82546 33745 19576 95084
15395 10562 78548 24461 35132 74992 36753 32353 42039 62306
14838 18560 92908 20403 47015 02658 03163 89160 21511 44981
45550 62679 35559 40373 12623 70380 44643 83118 35154 37889
10656 26509 73715 13642 78678 85471 25575 72148 37054 55704
14127 29854 40455 47755 53014 34543 00626 59471 02155 14206
74480 35274 57851 96317 04266 85683 44162 33475 89449 65533
97736 96299 95041 34320 63291 19584 26024 47111 41920 12580
22588 49460 59423 69400 55851 74769 46842 40443 28759 67521
50391 50796 11842 80829 12967 76548 68526 21753 94436 14949

49688 42783 22870 09355 62123 02981 93926 14898 40641 47160
60571 15809 78450 76595 80308 30348 95535 09649 12126 64264
49716 55797 80327 98726 20058 51460 47457 23670 17342 31088
63481 52485 01274 31945 83440 78996 09108 56011 70733 62657
25400 37464 28243 52914 47548 89148 24476 88659 26830 26503
06910 33727 89606 92354 19737 34350 68403 31038 68193 09546
97527 85259 96646 10330 52934 14158 72650 08727 41010 56000
94140 02500 65979 83926 61966 46542 30603 28220 84929 46864
49867 63501 09549 78116 82353 84310 91702 10586 08966 17502
52362 57602 13709 44898 84593 79290 46210 34626 04012 03612
70661 04593 59888 50623 30875 66517 49080 70898 86146 23975
99988 34049 97595 22880 18715 28280 69694 77843 14620 56912
76645 22852 47461 42825 28326 59700 63296 76737 55456 02614
11352 70281 18703 42500 59027 99788 71391 79265 47240 51751
30524 95638 53282 05867 35774 70934 53388 16627 01175 58194
02198 79372 89154 73147 71299 91765 61628 68422 14042 46605
87835 91449 48807 16925 13589 49496 77923 19320 21649 30266
84411 11108 77378 35149 73753 44532 62974 38023 52863 77129
34158 49668 63456 60571 47017 08516 11999 82537 91681 98884
63429 59387 83327 38522 90829 53295 91586 44416 98253 55103
98576 41673 58874 43838 40224 88908 35659 58821 10581 18568
76748 45323 33817 15633 02730 59677 33572 83142 27997 44815
54362 67969 83369 12144 14723 45285 32182 90710 96776 85156
97007 29588 01921 49706 39219 64422 27300 94279 58565 84074
42790 71053 04962 58304 73136 58515 19665 12419 14968 65277
48039 59836 43357 81621 91087 28494 87623 77253 87939 42048
81050 68679 46487 41785 14235 04646 64349 60205 46716 43089
07354 82193 56611 18024 37736 54733 32915 19809 09219 31089
40167 37232 71186 60401 10171 24405 00000 +++++

10861/8187/6939 kHz, 21-03, 1015/1025/1035 UTC

18906 28995 39734 98748 64566 93198 88214 18191 45710 12235
18226 83722 57288 22444 94464 08746 90901 79769 61263 13041
11048 09695 36064 08889 79500 97918 06506 05267 70024 32677
85817 03544 40612 34671 06192 83118 55427 35528 54841 00441
73636 90733 82414 49839 47335 37977 38462 59612 95728 36840
13646 21810 47781 50775 93365 79135 70507 57303 52510 17424
25089 97374 45995 37120 18022 99822 74805 02197 39459 41859
32198 25071 00000 00000 00000 00000 00000 00000 00000 00000

69527 09246 97064 17574 28589 57964 61136 07414 60656 09881
64840 77713 26809 92727 33543 63774 20916 37644 06893 58632
57154 35512 14274 59096 43954 25428 10914 15006 74055 63741
16817 92660 85364 47094 25713 88331 72304 87902 76225 52820
52333 65720 02421 12984 17331 02914 05952 01174 24537 38094
16958 28520 06723 95738 35935 62999 06293 75447 73740 98232
63000 09256 31935 23932 09958 60459 90642 33956 57641 62376
96118 32894 70572 20489 65209 27122 66353 26407 48897 11275
91765 57073 22114 86060 55597 57673 92009 68361 22899 31666
41871 79558 00358 86382 52862 23016 67464 07632 70798 86662
33173 61743 10112 26103 00000 +++++

10861/8187/6939 kHz, 22-03, 1015/1025/1035 UTC

08070 14272 98755 33800 23332 23513 16950 21329 26862 86129
32491 99502 61000 77757 18263 81254 07966 72258 32411 76530
88554 03967 73343 86032 24613 48787 28965 66154 57464 85081
24841 88547 39474 20269 00974 42747 40960 94093 71877 55313
39612 94485 49649 23901 84619 46964 34702 89716 52698 63502
03874 96792 38196 61812 50582 11507 44470 90971 56718 00804
68716 24340 00962 92537 97446 05691 33219 66386 54803 59513
69850 48764 70882 01403 89398 10180 62273 09493 33478 88476
41986 42854 42541 86378 00966 17811 81188 16802 28375 78097
32716 94349 62830 19805 67592 96439 91789 57047 15549 42498

41264 39292 95964 64656 23055 56283 86248 68387 31695 91503
32889 06526 08288 10108 34876 15102 13422 92264 54162 84425
76362 47848 32873 63870 12696 73417 21938 23775 27618 37412
50832 22926 47058 04511 93126 55029 43820 35091 07520 72630
50929 20720 59046 11919 79374 41618 50153 66836 82437 57034
16318 85948 33783 64469 65918 90504 11513 88682 69013 37130
05359 86421 24749 73576 89216 77813 62057 60983 26186 40353
53348 61082 98331 26425 45874 11773 78329 90302 40459 39518
85197 35547 72282 82000 91297 18770 73391 19457 72793 70665
21651 38152 20752 20275 05795 74415 55078 33407 61290 12683
08469 01159 56680 35976 72573 39467 35106 52265 23549 85639
40695 45148 06919 02789 84493 22279 84881 28119 29646 59991
30365 25994 00490 67551 64850 31733 45274 19476 02299 97060
07169 29354 74299 73159 83273 63607 92634 92255 76291 18640
28741 33674 68572 09788 52254 85311 73204 45540 95819 36450
41847 85435 38365 62859 33987 05102 24017 90119 77305 16851
58842 46105 73852 19285 52620 38571 31702 74336 97810 18762
26792 35200 02928 17010 24616 73561 22483 61227 16478 79603
50712 14260 49974 33179 71244 91015 58409 69637 79930 41320
18821 88695 22990 09436 93309 79826 17687 06169 33349 62584
47709 54521 51780 65311 50441 94813 92164 90656 38322 60211
50190 41351 21470 58605 26815 04677 23766 21778 17835 19058
09581 07785 69564 71228 63332 67507 55325 97392 89067 11292
52411 86834 22248 36631 24242 11405 70928 02817 37366 29322
28518 63501 68031 36729 25318 93107 77975 65441 11006 68024
64156 50322 85268 88524 12091 14730 18772 52341 07492 47459
31643 15844 85897 69633 21660 03751 24975 14972 59346 53311
09185 71870 92131 03898 21502 60744 24793 67949 41869 45051
68351 44197 57079 99454 74610 59112 11770 83543 98527 47516
55220 94564 55604 08287 63631 97589 66490 96101 42591 56565
05968 35151 39395 14676 98534 65763 19917 97465 27744 59877
89725 27411 00000 +++++

10861/8187/6939 kHz, 23-03, 1015/1025/1035 UTC

08258 22233 32480 91074 73311 18142 72158 24795 91894 27667
36342 95995 36723 82925 03279 59179 71580 34254 56746 68744
21084 42797 67777 81404 51488 28284 52279 37990 48464 01662
52953 66837 02787 37283 18984 75942 39867 64332 81903 26080
54075 82172 51102 02058 33780 29309 77390 24307 88057 60657
58070 67998 10984 12794 81954 81849 44477 61883 37755 23847
25604 03972 34290 56032 29295 12329 05951 65568 42416 51528
01853 04260 30117 28073 00000 00000 00000 00000 00000 00000

61188 01371 24976 34549 55382 25699 39499 01929 17978 26434
78338 53892 76280 58726 85392 25623 59706 12109 95607 03250
30901 34857 00522 70322 11889 33439 89301 31732 97411 08018
69950 38510 72680 09907 00385 61942 77693 31949 84051 90438
85334 67737 09797 47592 85424 00627 40648 54871 91914 08458
81219 87370 15418 94951 78412 96076 68253 83696 35105 95061
94204 35672 41519 37069 40166 76242 53948 25909 11875 42565
75538 39103 80911 87345 18808 59234 35158 99869 54588 37411
89900 30275 77083 37307 01763 27962 39730 33201 52660 30122
41537 29091 00000 +++++

10861/8187/6939 kHz, 24-03, 1015/1025/1035 UTC

Null message: 5761 00000 +++++ +++++

10861/8187/6939 kHz, 27-03, 1015/1025/1035 UTC

41585 36322 85522 95822 27535 05733 12797 42986 65651 49524
06302 25711 67684 63728 07586 33746 67404 17373 37649 26369
07563 31022 08367 83235 62879 35482 34783 59623 85012 40377
96727 88255 80425 67269 23188 94898 57118 27027 97864 19908
01130 46104 09365 62929 68767 71451 94451 92925 05501 08709

47814 90721 27447 73400 96755 16263 26396 59801 64285 17763
84304 57164 69005 24932 08204 68001 35267 93481 21451 08101
12009 93082 72271 92971 23727 55963 45514 40404 02017 28347
88582 43822 71106 91905 87445 96133 85844 47418 53694 68752
45561 77830 08572 75483 32239 32889 74907 75957 46454 02549
12904 98307 39492 71338 60703 85768 65100 70866 65687 96892
99309 72666 17421 14059 01753 88550 18210 39981 16930 70682
52184 86883 38850 28535 38855 88045 87490 04937 82086 86388
70507 78383 50408 79812 28643 83810 49618 27950 88256 69003
73608 50034 69424 28849 44344 68575 23042 84600 76954 78513
95369 00351 30837 46556 43457 53897 32761 70376 49883 04199
82854 52359 10245 22588 79461 67594 91851 79951 23769 30782
87031 07051 90164 91762 09517 70174 73249 14344 07325 29311
47455 18117 90585 71029 00189 87942 97750 33252 24455 80812
48605 64109 81885 84746 57551 82071 72120 09443 05572 29523
69471 13345 94323 36998 12804 96819 30805 40233 59591 16147
16015 17249 40053 97986 36062 37639 72336 59029 79156 41243
24668 60503 26905 88416 35418 52238 93369 49059 27007 85961
10317 22602 74603 02530 82093 06148 15539 22761 58570 52928
10390 96577 99587 88295 91648 90132 29346 75410 60938 15615
04170 47830 20693 33413 42096 51180 51252 81335 87707 61087
69303 10566 10665 69577 28606 33043 61363 57115 48942 09957
32155 92477 84225 36046 97582 27643 65707 99376 32044 79887
81218 21310 28342 18285 76384 06316 65551 96772 88751 56354
99635 01005 50756 29484 75256 01148 22484 47400 82218 27827
40151 81587 04966 13410 91243 72770 38601 65796 52255 63353
69830 66929 49960 47537 46292 13189 32160 68798 82709 39879
58840 19419 77285 96973 49672 21755 36795 68327 48801 95931
33807 51523 92863 43647 44471 40566 93150 02786 40306 78574
67881 52509 32436 72703 85510 73533 91697 88440 05000 93260
93068 65497 24007 70469 57852 22469 70922 99233 92043 42441
01688 36779 44340 56756 87340 84941 32200 69099 03214 79934
09424 87107 55739 70102 73660 53692 07781 86345 37301 95246
88445 34916 10192 28938 98300 67257 67592 96275 45940 06586
01832 15129 76834 35897 81089 67390 80406 77089 63748 64476
86266 15877 41743 57838 85541 52206 11360 86690 38241 80836
94905 80128 52603 31789 61703 30415 00000 +++++ +++++ +++++

10861/8187/6939 kHz, 28-03, 1015/1025/1035 UTC

25633 81635 68155 92897 00273 95361 86199 64070 30344 63918
55835 25703 01761 17244 03582 69537 44007 31643 30370 72277
75835 52021 91470 38969 40903 63830 24958 89050 56791 31904
14637 14772 25837 48373 98391 66661 81223 56859 57876 45730
66755 45116 50486 07108 73770 23321 69564 04781 83611 30196
43754 32144 89105 34149 11462 38033 93483 21623 31344 22932
10179 89840 14772 45048 11944 86123 91210 90935 02714 60993
42438 90356 10673 27218 66553 80071 25940 42013 57706 46236
31328 31081 00000 00000 00000 00000 00000 00000 00000 00000

69154 39828 27039 01871 42686 68941 80563 12676 29722 54615
88644 87884 60913 92070 12234 31439 26944 64593 92050 43399
85414 21675 58051 61024 34999 93584 21025 10502 42838 72048
94754 11505 36079 11734 22184 01770 93528 32221 04023 73888
98321 25152 53235 41480 37584 96235 23840 76960 59986 96816
87468 88070 27158 24669 56111 25367 19884 98722 74496 37854
85018 37405 30532 18950 34062 95275 57251 09973 29345 37659
24703 53332 18728 57943 45220 12617 04793 67251 40500 01759
59431 11155 43945 90478 19789 93131 36689 32087 00000 +++++

10861/8187/6939 kHz, 29-03, 1015/1025/1035 UTC. Very poor signal

27545 60731 54764 98861 81124 86894 40886 25836 96937 66285
17486 97190 46189 28332 73764 44262 87186 47760 74247 97144
02745 25327 31190 00472 47827 19820 33331 80938 05896 23517

91931 41238 77374 99283 90036 40127 48691 14515 45897 75278
 15315 60082 26488 94629 57242 11500 72063 62904 90353 84474
 17684 12999 42093 06049 22654 36918 24901 75503 43806 95947
 05832 06226 13572 54761 95814 65712 08773 69123 06963 55915
 21077 81914 51398 01099 65044 07128 80019 35409 84717 06547
 84636 07334 44676 88791 11936 43244 16508 85408 62690 37214
 96622 83701 74663 59285 16359 20988 12641 99381 30298 69969
 14033 89061 93757 69902 63475 68278 65370 83256 94877 89355
 95699 82550 44339 75358 87828 97048 02398 75036 40864 74010
 39018 81550 12278 34177 99778 07145 60044 26187 96686 30970
 50496 09596 _____
 ____ 82949 05440 60893 82884 28825 63101 _____
 _____ 64436 _____
 55851 87465 41817 37747 77253 94020 98759 75624 94079 23457
 13001 84757 42586 46099 56348 00148 52533 59551 35849 27114
 75986 26463 51347 72860 63874 51061 46893 47268 88735 86634
 16943 37629 37094 91172 53272 86978 19904 73329 43557 30737
 74496 95905 57545 71336 56467 29047 81771 95525 44945 70323
 88739 64036 09676 73905 51512 28299 13357 55995 39658 53902
 47670 68727 57474 55469 26439 _____
 _____ 24583 41439 57240 10233 55703 30833
 90619 15472 53834 63646 65106 71559 10256 14229 03280 03077
 42867 11295 53075 46548 93543 35475 48971 05989 81683 85650
 22503 38250 31485 80416 15257 47327 56818 39275 24935 91711
 3057_ 55390 53112 02716 09111 13503 47775 56776 95467 09830
 73486 12652 46111 92710 29759 68838 38265 46993 28905 06319
 40100 04798 43409 17853 50939 15359 30680 89710 03668 25791
 14743 59281 46537 58874 92092 97002 46556 98742 03879 86041
 81642 20416 27331 98166 13743 _____

 _____ 45447 16080 84548 40838 52482 70311 87328
 85683 39155 16180 80638 79495 81139 73827 23018 39749 12369
 20704 15641 17014 84203 81166 93059 22902 23922 12683 22961
 _____ 81140 08362 00923 39868 63131 36324 82577
 19920 85089 68557 25804 95462 05460 11726 88351 24231 47924
 81321 _____

 _____ 26462 27946 71805 28024 92282 47194 03855 92594
 63230 802__ 2282 8__ 28 59294 32300 74727 67104 44871 52833
 34270 00000 +++++ +++++ +++++

10861/8187/6939 kHz, 30-03, 1015/1025/1035 UTC

40980 68678 57117 67412 76326 17676 81281 73489 79758 33951
 27684 77802 98682 94564 56700 32604 21190 49119 37122 60731
 30879 37651 54351 90342 49279 46503 08541 39361 26818 06882
 26109 66808 68247 65772 33074 33224 03495 83909 63644 37357
 39845 40478 02494 21307 56426 49249 84174 61314 26902 15822
 98083 86385 81331 90671 72451 91929 43130 97680 35750 40612
 02059 42852 79003 67592 09187 32879 67393 32353 04769 58271
 74631 84290 14968 20714 38521 34075 00000 00000 00000 00000

17756 65024 19614 50896 59552 91915 63421 15816 09179 43224
 25997 09550 35538 30539 75616 00103 86818 10697 50920 28024
 77474 89431 22952 35316 26474 81388 38919 03024 39008 87401
 52396 20950 48845 75013 69620 37949 63510 73144 66612 66215
 79495 16860 56761 38015 59667 03177 13607 38295 90068 43840
 78466 61615 58313 26011 07628 66824 20739 16800 38769 27939
 50520 72589 81312 04641 83931 39073 60385 80843 06932 52961
 69086 44771 49279 81281 08738 08965 78346 59212 21813 93677
 09834 12395 47229 22087 77559 35085 00000 +++++

10861/8187/6939 kHz, 31-03, 1015/1025/1035 UTC

Null message: 5761 00000 +++++ +++++

F06 – FSK 200/1000

Link 00000

9064/6923/4565 kHz. 04-03, 1400/1410/1420 UTC

11611/9425/6957 kHz, 05-03, 1030/1040/1050 UTC

11100 00000 98124 03066 01559
00113 60158 64511 33973 80134 32109 57196 30707 73614 64858
29254 40267 06350 46071 87345 12633 86608 83949 81825 21330
65785 29292 10813 52537 27681 40631 39596 70852 61080 65863
02553 97653 95311 38824 79782 63000 03497 14249 65627 17002
03148 89534 71281 11597 08823 86775 28665 88687 16524 93471
87756 35546 24513 85377 24573 93459 20244 79915 01976 30518
88095 93585 50500 14516 17595 01833 61393 46875 16814 24771
09043 43554 60627 87246 44989 73853 28529 26637 30710 93081
11676 46852 01355 29994 93867 41961 77633 14965 36132 37883
68027 59816 19618 25587 28528 25238 26470 84229 72076 36755
63382 17670 44901 35156 57517 52806 11939 72338 79470 73162
18519 88499 72979 86167 20509 31612 96052 47563 00109 05128
03216 91377 09468 54827 23557 38905 09330 30787 14259 85123
94875 85363 94313 85997 25975 93163 88090 95087 04003 03913
33461 22922 62439 64185 34163 17559 63419 68906 61087 89770
17427 28583 32177 66153 00000

9064/6923/4565 kHz. 11-03, 1400/1410/1420 UTC

11611/9425/6957 kHz, 12-03, 1030/1040/1050 UTC

11100 00000 54216 10067 01599
35931 34712 18871 10090 39146 78343 14558 74897 88706 22016
53572 79774 94808 24690 45633 22891 71230 44882 06442 73358
91527 65388 00062 76859 85954 21630 99360 51619 90036 88282
37959 41885 80750 03914 52118 21120 61230 38278 36004 62093
79957 31991 58776 16042 95345 63241 16923 68114 21692 21248
20290 61267 17393 91145 35238 05798 01401 79972 33369 16723
08830 38473 19254 46166 21665 58377 35601 02959 35500 49861
69306 76631 48257 28873 06816 07989 81805 69001 12248 73454
72441 97592 26701 75374 91138 40786 12195 55457 79533 47165
88673 73560 12563 44709 37517 18980 23702 10737 69991 46462
53740 59516 84080 54096 09024 77248 58127 45301 40113 59097
54740 42073 76788 27955 33379 41691 80333 39639 95080 34077
99053 04200 07742 21973 37942 78024 85411 11145 78450 06440
20024 62800 09297 21479 89005 25385 54237 24519 87210 87977
07756 08468 56594 22443 14602 99187 12089 06546 54105 20848
87106 45211 15221 14883 47106 32115 73236 67157 00000

9064/6923/4565 kHz. 18-03, 1400/1410/1420 UTC

11611/9425/6957 kHz, 19-03, 1030/1040/1050 UTC

11100 00000 96512 17068 01779
55558 51674 04203 21340 78244 37649 27946 65158 01670 70472
40761 23799 23061 95236 37906 97545 38841 44036 04739 12578
51852 65824 34728 54775 59143 59095 61628 74325 93756 74587
41745 40820 18964 80196 47243 53530 98375 05277 56419 36539
90367 06534 51893 73427 40267 22678 62641 61199 68717 10039
10817 88136 79688 76324 49292 65252 36540 54712 00861 66068
79592 85458 35041 54355 83643 97214 43408 04570 78860 05241
99404 44643 83485 68698 13559 75824 21803 74213 20051 49258
25789 37896 55561 03997 43898 43007 16351 96114 05411 55454
04489 73634 13785 84307 99187 76931 67455 79523 14170 69318
31503 84061 27008 27497 08648 82588 91371 46553 82989 13941
68129 39198 34946 39558 36225 33926 50816 85049 69290 01793
75411 97100 88905 66495 81186 82891 30462 77432 52321 24230

82564 50448 07171 83573 85896 05936 07542 44138 02508 58991
28209 51272 91434 41310 85141 47288 51624 59503 45841 16942
18061 19531 70259 85741 22068 71933 55709 38277 51704 57557
84223 48752 73187 58447 95793 40922 99300 83610 35916 19597
15703 44327 50905 40932 01089 68175 00000

9064/6923/4565 kHz. 25-03, 1400/1410/1420 UTC

11611/9425/6957 kHz, 26-03, 1030/1040/1050 UTC

11100 00000 25694 24069 01719
13540 18239 68758 44956 11467 34154 35877 99041 78144 67832
00941 83787 79407 63663 36944 94432 17693 40054 42046 27402
78319 14589 34137 96923 31339 07035 34572 97454 62389 87349
77009 91587 30986 60910 02269 28135 79702 08128 25180 20077
42654 20649 84324 37059 26744 01327 10638 92135 64098 20144
75791 27422 59132 43288 06296 28381 78676 77549 74267 21393
58615 97247 00794 34324 25463 45861 32826 24767 56315 29549
79556 05643 25622 44758 19195 22860 12214 07102 12098 64705
65018 73686 81184 07662 50902 76094 45572 28344 33087 06192
18372 36229 53566 21956 04584 06879 17954 65512 60026 20337
06233 10565 97237 34391 57797 81409 49289 47379 04264 10713
27445 30246 48467 28254 33606 32512 13091 97809 13480 91867
07355 44366 61406 02057 85215 38854 12783 18760 93505 32595
85029 08145 33448 58634 53015 67782 83991 42161 69907 74618
60399 87195 69362 39673 06524 31737 09997 74178 44221 88550
48091 96820 28321 13789 49450 36784 80604 70635 76355 12290
01227 80153 10557 89298 81015 76527 98244 13874 64874 69169
00000

12089 kHz, 20-03, 1020 UTC

15634/13395/10563 kHz, 20-03, 1300/1310/1320 UTC

11100 00000 81729 17068 03059
20019 90849 26373 23368 92872 26143 61782 14186 11017 13212
59229 13785 80116 60624 37799 73822 14589 96104 89304 94355
94675 95649 42637 39339 12683 58453 57113 97139 44306 07311
43277 78261 06004 19209 34570 67460 84330 15771 58319 72448
48193 68254 79485 36361 79940 96792 15596 06185 86255 68551
46308 74325 74751 24509 66043 35514 07244 89533 53115 26229
65608 45446 53814 38824 91182 71762 04855 27555 83637 83797
42650 48684 70253 22820 72837 01855 81554 77945 98493 64928
94220 44459 30481 39457 27220 48240 28360 48997 02113 91004
45302 57432 03440 96016 75451 99516 00153 58997 27155 40799
14021 33872 70523 09140 45936 08095 32728 64988 96079 47187
39506 02628 38861 13220 26284 99553 38593 86899 67368 56191
16810 47959 96649 93131 07203 93531 18235 98070 59075 99210
30465 39651 75274 52458 11753 90376 95542 13081 41667 25800
61198 80431 55712 92172 22120 72038 57238 59729 71942 43356
34912 03814 22416 03306 59196 81017 52862 05313 56273 92530
95669 18514 82836 51882 43754 08830 50211 99265 90933 84593
71222 29638 41155 86407 28252 26762 47498 25932 85931 20411
66905 03291 96895 08893 41574 57765 74044 14097 42945 31494
27739 61253 39223 50830 91387 00575 72375 55075 83837 12994
55536 27258 82027 67163 26760 06655 02328 19910 20063 87730
14010 77338 39680 35196 33289 58769 48492 69870 71355 30688
06540 05022 34865 02908 20582 37895 02297 04125 90619 26093
24630 79058 64337 03514 23777 74351 35383 15528 87203 05442
46442 78075 82185 21564 83029 90379 38121 11098 68939 55965
70356 14420 99298 91656 43948 36476 72155 29258 00806 76242
04530 39596 98650 15268 43887 33613 35227 32488 10957 20192
56208 37495 34828 25421 70230 39453 66275 02960 19486 93844
80245 90208 79336 94235 03437 89968 85347 01253 27916 82279
11220 25948 96708 96110 46024 09747 72299 95617 44199 68173
23978 60623 46732 68303 00000

11100 00000 17853 17069 03079
33615 98761 25477 15916 37331 39937 02822 52458 31546 80533
13460 44230 84761 25725 71618 79133 95353 36712 04857 77754
55196 92556 81991 26731 85242 11878 40336 08701 54033 89102
85696 96023 15038 24955 63553 00456 23788 55863 24877 95969
20736 11991 35011 56912 90767 58562 99054 78672 35315 00176
02187 73062 18006 52798 88372 55591 69785 13117 25889 66824
64443 79944 33089 95004 00497 07363 62882 92136 50350 94292
69316 00718 62688 40175 04751 33290 29015 21456 21015 72026
50302 68554 73018 80511 64666 48014 48236 44926 22027 79510
70511 86805 16659 42414 51612 14576 13612 51589 88978 06037
29898 07119 33101 39003 56416 47643 72959 12265 31524 62002
12976 24074 02217 38857 39899 00334 33837 59001 03072 89692
54259 60020 56516 67704 43481 28014 36271 17273 04567 96049
71420 77542 76871 54045 52252 78442 77492 99763 03981 03056
81875 85608 39477 45008 79523 40907 89437 53074 65739 74371
33435 80161 55338 86421 80278 78893 29273 46057 71137 10946
50107 11972 03849 62356 07274 02590 01857 81962 78053 44718
76218 85188 15213 55495 54117 90335 97249 37337 72305 79588
02159 90548 58942 01918 90680 73301 52235 60056 09959 63671
29343 48756 53541 03397 43965 36489 38672 28082 96061 07803
86797 13499 82143 08507 18244 92695 99561 60872 96984 23595
03237 41046 86441 11767 38273 35855 02267 18060 96886 21193
73026 05794 73082 29178 44740 07177 13534 96267 90192 13664
88077 09516 08986 19913 28285 93163 29237 76053 07536 02751
46879 27939 61026 18930 63497 50075 69168 58184 08639 00910
52792 42612 57527 55177 53613 95997 80134 92978 98384 58330
82527 50290 70178 35966 26443 60579 35237 29625 38024 42228
98827 07412 41649 11443 88534 15035 79799 25335 88432 40424
04903 84874 72578 74935 54074 52385 11256 38315 42723 63279
48406 59628 37930 36727 73698 31330 97554 14928 37655 78670
85998 85688 83290 11612 02570 69305 00000

14561/13395/12089 kHz, 21-03, 1000/1010/1020

11166 00000 93751 21034 00049 00000 00000 00000 00000

14561/13395/12089 kHz, 23-03, 1000/1010/1020

11144 00000 79521 22056 00649
59381 92793 77449 20595 41629 13438 57841 50537 35001 16151
55206 41406 67831 80592 29653 59989 06572 63448 75916 78227
21356 13591 90368 58162 54241 50466 88558 53340 37441 06950
93652 17319 98252 54211 39365 12944 15758 10979 83163 92549
28139 07868 55447 12452 79677 10232 84529 10482 69716 26170
89146 50302 01949 78540 48505 64490 06132 49578 61642 84039
83669 14227 56062 00000

14561/13395/10576 kHz, 22-03, 1300/1310/1320 UTC

11100 00000 36547 21029 03239
93471 93102 24092 76734 21038 36006 43173 90960 66244 32317
75631 05331 86279 12386 70265 24070 78418 18325 91324 11856
58215 63720 60812 24088 04589 27813 73149 98967 13994 95091
36897 84837 30855 76239 23209 01212 46468 71352 25714 56932
83533 61394 61510 73894 08533 38805 67962 89772 39117 13205
74984 38195 38707 53136 57499 29787 15487 49784 97762 82538
67973 13592 12234 74922 44371 39742 22695 20206 07862 03409
76278 85387 25060 70738 44129 03207 19786 36492 53346 50647
59365 24284 31931 92394 65630 10350 71399 12662 67826 56800
36760 83834 39585 65268 78547 45378 87180 86920 26589 91419
81232 49741 70197 90475 49063 89046 54481 85736 69880 92153
47449 49357 39979 93152 57611 89188 00154 78709 06748 31390
42505 90840 87542 27356 38826 37607 60776 58398 57757 47643
71745 36617 62904 29479 90611 25406 09095 21581 06373 28015

78969 44059 29117 17628 27090 87963 80284 07373 23760 03123
75592 83714 15732 70449 30323 51664 46005 69660 41672 65241
99887 78345 27828 41628 69516 63311 28477 82451 54020 50164
96421 50634 37520 82038 35007 76248 12141 03430 61023 89806
38241 30063 97793 06440 59025 90729 28125 09384 11746 52041
61799 06227 02673 62021 97316 56340 38020 73493 82559 92947
28017 33184 04061 88251 06310 47487 59589 35070 31887 60829
93709 43412 65706 07566 01027 75432 39221 23351 26786 67202
56983 26923 19533 10737 00522 08229 15502 94708 25677 83840
59439 27293 70573 05589 91532 89583 16431 33362 55147 93005
68396 08001 05043 39171 48575 85226 20776 05621 18464 16541
54957 05869 72964 88044 71062 97216 73160 53089 50485 34746
10064 19730 73507 94947 16492 78888 03894 17412 69287 84180
31775 38031 49048 19347 54531 12132 49578 14206 00341 50997
54213 95093 24100 20195 21249 80705 30391 73173 45625 59286
03183 18532 89068 08105 46970 44434 95888 41158 69012 48580
36595 96025 57381 47186 46537 95830 34496 61403 51760 47226
90830 04615 99239 60364 28490 19056 33711 01771 69330 35177
88264 29321 00000

14561/13395/12089 kHz, 27-03, 1000/1010/1020

11144 00000 84521 24057 00389
59267 44601 37775 03774 79866 72342 19976 34501 71823 99303
16235 50533 76379 94764 12255 49187 64582 08148 27841 71003
82815 14536 42195 63002 71235 83055 84524 54773 24204 70298
92619 62801 36397 12170 48661 95200 57036 00000

14561/13395/12089 kHz, 30-03, 1000/1010/1020

11166 00000 49362 30023 00049 00000 00000 00000 00000

Link 00030

19825/17453/15883 kHz, 21-03/22-03, 1400/1410/1420 UTC

19825/17453/15883 kHz, 21-03/22-03, 1500/1510/1520 UTC

11166 00030 96821 21004 00969
22156 04241 69230 90484 94096 25382 94940 98581 83284 76086
86218 83547 93519 50840 12701 39785 38374 76874 71859 71949
43048 95796 16034 07871 86379 09231 69403 35213 90867 36578
46156 04241 69230 90484 94096 25382 94940 98581 83284 76086
62636 23872 16726 91272 37670 89365 80862 53819 20259 81384
94206 86320 39838 06745 10657 72847 70629 03219 92370 61960
18059 09240 53278 69080 12060 70254 62589 87649 29565 53296
78969 98161 92619 12382 41606 17636 30243 70840 62927 78691
12652 52361 25843 35153 47619 95787 83286 06032 15313 43804
38985 82385 51417 54009 04094 00000

Link 10053

20156/17531/13476 kHz, 05-03, 1530/1540/1550 UTC

11166 10053 13674 05001 00049 00000 00000 00000 00000

20156/17531/13476 kHz, 12-03, 1530/1540/1550 UTC

11166 10053 12457 12089 00049 00000 00000 00000 00000

20156/17531/13476 kHz, 19-03, 1530/1540/1550 UTC

11166 10053 78963 19001 00049 00000 00000 00000 00000

17445/12211/10173 kHz, 07-03, 1650/1700/1710 UTC

11166 10053 45867 07001 00049 00000 00000 00000 00000

17445/12211/10173 kHz, 14-03, 1650/1700/1710 UTC

11166 10053 14679 14001 00049 00000 00000 00000 00000

17445/12211/10173 kHz, 21-03, 1650/1700/1710 UTC

11166 10053 32468 21001 00049 00000 00000 00000 00000

17445/12211/10173 kHz, 28-03, 1650/1700/1710 UTC

11166 10053 32468 21001 00049 00000 00000 00000 00000

Link 10064

19825/17516/15731 kHz, 21-03, 1400/1410/1420 UTC. Wrong frequency

19948/17516/15731 kHz, 22-03, 1400/1410/1420 UTC

19948/17516/15731 KHz, 21-03/22-03, 1500/1510/1520 UTC

11166 10064 56802 21001 01069
55386 22026 84718 56304 21389 46526 32538 26341 09571 24785
56184 83081 21832 72858 84304 18235 72090 90942 91290 93135
86218 83547 93519 50840 12701 39785 38374 76874 71859 71949
43048 95796 16034 07871 86379 09531 69403 35213 90867 36578
46156 04241 69230 90484 94096 25382 94940 98581 83284 76086
62636 23872 16726 91272 37670 89365 80862 53819 20259 81384
94206 86320 39838 06745 10657 72847 70629 03219 92370 61960
18059 09240 53278 69080 12060 70254 62589 87649 29565 53296
78969 98161 92619 12382 41606 17636 30243 70840 62927 78691
12652 52361 25843 35153 47619 95787 83286 06032 15313 43804
38985 82385 51417 54485 01104 00000

Link 20218

17454/14357/11556 kHz, 22-03, 1550/1600/1610 UTC

11166 20218 13846 22007 00879
21218 83547 93519 50840 12701 39785 38374 76874 71859 71949
43048 95796 16034 07871 86379 09231 69403 35213 90867 36578
46156 04241 69230 90484 94096 25382 94940 98581 83284 76086
62636 23872 16726 91272 37670 89365 80862 53819 20259 81384
94206 86320 39838 06745 10657 72847 70629 03219 92370 61960
18059 09240 53278 69080 12060 70254 62589 87649 29565 53296
78969 98161 92619 12382 41606 17636 30243 70840 62927 78691
12652 52361 25843 35153 47619 95787 83286 06032 15313 43804
38985 82385 51417 54512 44456 07085 00000

Link 30154

16321/12086/9088 kHz, 07-03, 1230/1240/1250 UTC

1166 30154 24879 07082 00049 00000 00000 00000 00000

16321/12086/9088 kHz, 14-03, 1230/1240/1250 UTC

11166 30154 14567 14038 00049 00000 00000 00000 00000

16321/12086/9088 kHz, 21-03, 1230/1240/1250 UTC

11166 30154 98765 21069 00049 00000 00000 00000 00000

16321/12086/9088 kHz, 28-03, 1230/1240/1250 UTC

11166 30154 25867 28029 00049 00000 00000 00000 00000

Link 30132

13418/12067/11049 kHz, 21-03/22-03, 1030/1040/1050 UTC

11166 30132 78451 21001 02059
90987 39617 29047 92636 96931 51325 05769 59421 23575 95721
98612 49763 04165 71906 10723 27597 62072 15763 69717 30369
85623 76815 90707 84747 89620 84308 19257 47165 26832 86262
16274 92456 38202 87095 37516 10798 59543 16502 86504 67208
43890 24079 32750 54061 24738 17852 13086 38436 73120 19318
12549 93573 75029 15170 47578 36140 59265 89893 86983 43130
23186 40236 59780 85371 43734 86825 93161 68510 73253 05807
93647 93234 02734 08095 57683 14021 34973 47515 31353 92456
13808 15021 61904 93193 82815 26572 03146 95806 97274 46709
32346 79368 07693 02126 92467 65494 28150 16987 79757 27104
53710 81872 63785 53267 90658 03936 27896 83935 84929 76521
89036 97198 40381 87475 05609 60184 30657 86263 81812 78610

40213 73020 69761 92835 35404 26364 03815 56982 56912 67297
65185 07210 19654 91360 25195 29181 19207 49050 35680 90232
43567 01156 45621 91387 63517 41872 25469 12841 96846 47471
24728 17934 25108 17251 31526 06095 70610 12839 58435 53870
36719 65451 31685 54052 34735 64073 26361 87206 08687 70105
83541 98948 51346 50682 16941 35305 83420 35082 62372 43056
73436 32912 57056 81073 64301 98763 29619 89813 80508 40876
24317 48963 09218 19763 02740 57165 38316 68910 54678 26434
89596 44345 67589 01203 00000

Link 40023

22884/17469/15876 kHz, 08-03, 1015/1030/1045 UTC

11166 40023 78051 08001 00049 00000 00000 00000 00000

22884/17469/15876 kHz, 22-03, 1015/1030/1045 UTC

11166 40023 98765 22001 00049 00000 00000 00000 00000

Link 40122

18189/16046/14459 kHz, 01-03/02-03, 0600/0610/0620 UTC

11166 40122 56789 25044 03649
78927 03263 35809 97449 47968 76031 38173 05287 84325 29113
87299 05737 41820 98574 73361 73859 91727 95655 01849 58568
60909 41161 84285 29958 37226 36283 11075 37287 28174 99529
54912 19786 83679 24461 78199 37480 18998 37908 42899 14236
98637 63370 46278 10182 67267 19281 30955 65726 38524 06811
42704 84337 77675 66922 34461 46284 39065 11345 39942 70517
44278 57161 65340 66886 11971 19699 72523 45873 75295 43407
52170 78037 47862 75411 10289 20351 24171 11428 16552 51615
25454 68732 87880 84151 26871 65866 05729 43948 26982 13768
90484 36444 45445 48018 81450 40157 59881 56883 95819 95320
17826 84852 65094 79737 84721 16348 72385 89015 13886 69290
39027 63399 49381 53235 33948 28360 97742 71721 04228 41149
29480 73571 50288 60493 96311 82782 94150 81626 75056 61735
14190 03830 74114 87378 44844 22693 63500 45101 64683 64260
14329 69956 21318 03265 58730 89943 66537 32623 06097 51029
00161 76400 76624 28584 46002 63406 38077 54949 08407 03636
56701 17786 82798 34716 98251 08931 18652 30572 40044 28408
58364 89480 79980 73324 00424 43707 53488 66299 60345 57915
94304 03141 27794 08528 00046 24448 43335 61235 88501 40822
43252 88839 55585 66382 45869 96611 70889 40268 77816 47357
71764 40817 63668 03384 41884 22108 27406 27538 85206 27551
79127 10524 31300 60223 85454 16670 32933 14618 47061 65344
41909 99521 31778 90203 74041 06682 36693 43458 99240 04964
77695 37343 17633 64689 29900 39992 07643 41831 67389 67880
56998 76765 75704 42048 12578 87253 35531 00277 10041 60360
01015 82410 69185 72978 21141 31007 65961 95654 77619 74511
17085 59402 37709 85137 38184 90197 45426 28639 61424 40832
99561 48167 23537 74816 91958 49398 60196 82022 04479 79112
67684 30756 88095 14424 17781 85936 72559 04840 36804 48082
80062 34340 84758 92778 41343 95658 95514 15328 37676 93969
63960 10261 17172 22148 91062 40394 58835 74799 22776 75133
82810 93251 43743 02696 30262 58687 11706 45951 61314 75607
43586 36561 44498 12823 89164 27103 36143 94138 53285 45879
73140 55943 52542 24080 27532 13882 17373 50001 96340 05788
75500 30002 25106 03083 77656 60885 88538 07814 51533 43392
76748 77526 94891 91498 60465 45154 43768 17197 33718 26122
76717 95460 44362 00000

18189/16046/14459 kHz, 08-03/09-03, 0600/0610/0620 UTC

11166 40122 23865 04045 03169
22777 36968 16355 33873 41601 91981 82889 58943 04235 68038
59942 39668 43252 30626 63006 68811 74009 89211 77873 42600
88948 37522 05776 05155 73484 01733 48067 90666 10664 32500
10153 61774 66776 01781 29334 67562 75117 90377 56276 69634
60075 77138 44770 09677 68741 65761 29489 16980 02228 10126
96411 79328 63882 24105 75617 25708 66575 86781 11128 94266
66269 79014 87487 83976 14037 12291 17771 13407 43723 35799
22703 35080 37447 32664 55578 78824 36115 41278 52669 22563
87142 62669 13815 13997 46579 39837 42863 91586 77797 20009
02676 78299 13974 35730 64359 46545 76508 65751 55433 77740
66594 61633 36603 64938 72129 51011 61836 31961 57128 53455
01432 67481 25862 69875 32756 97471 78872 31386 28352 44477
03087 18589 96089 47145 63189 87203 51061 38433 86453 60978
23901 05963 58222 77828 35218 82925 70212 00135 90827 43002
88850 25131 77472 97717 35803 56342 63722 19681 97908 21981
35733 40131 08691 51260 22557 94249 68639 44556 90693 12656
96449 98349 12566 82532 28407 70896 38605 26823 08102 99553
27647 74922 33662 05707 15301 23320 54700 48229 25011 09618
36147 11415 51468 48358 31169 38324 71079 02120 30360 45472
59173 86289 79383 79807 18631 30974 82265 03911 49633 48474
32512 20351 15202 79760 39255 71148 82239 18396 40597 73258
42734 35335 21357 76042 44834 53034 77394 51641 88472 42326
93700 54195 65228 40476 28457 08854 47116 13873 20224 16507
53982 13784 60473 85170 54213 98617 98634 23981 78421 21118
71849 60714 50813 03951 76623 68781 67916 52096 24551 14639
79361 75500 49323 61534 50400 20417 57182 90555 10849 32875
38022 24884 20147 02722 79325 68217 03214 61657 50118 93294
36795 33719 47128 41444 90985 61643 20341 19112 55615 57543
20138 02303 06185 51337 33202 84860 89039 35377 99384 31541
30472 28693 26712 21803 99433 09319 46724 95262 78548 88106
77338 34742 23118 22496 85415 47857 12799 93654 66219 33077
25643 95436 81964 41185 45314 00000

11166 40122 54987 04046 02209
09204 40001 34441 81099 72658 76588 25960 41666 90633 43636
54374 86252 09236 30536 35963 17808 26004 13927 73613 24290
23279 93279 78525 05903 98152 09399 06455 75092 56186 81768
88200 27731 61089 25689 59021 08929 57539 35126 16658 21922
09335 42232 62663 53446 20067 89454 06714 14075 28502 75187
38604 16914 95853 58889 97599 43127 27138 36617 93841 67712
93802 22904 61489 43966 49805 99920 48293 70080 58344 19865
71270 86302 71417 71507 93195 76103 29399 46836 99567 69782
72829 68734 80755 73956 83589 65634 49015 75359 97668 04080
45044 92399 56696 15133 13785 72907 90425 75574 54149 61513
47375 29816 72354 85089 15786 63482 93568 29698 02114 64583
11533 07477 59216 33230 80866 36910 81443 25809 81734 84912
08805 44586 11565 44161 07404 08640 83501 44131 18341 67090
36293 19251 92246 40552 85278 82626 51656 01736 69189 78768
48402 31161 72432 13766 08209 08894 27548 86328 79689 28267
27533 68159 29917 42499 02716 07067 53774 80168 41868 51278
89249 90474 62242 18379 55886 04211 58223 57318 58558 21414
83278 76917 23771 61594 44900 39321 60663 37513 17223 41829
63908 38427 00998 35539 00693 33744 85624 54249 48970 33029
92924 52051 79166 63290 07327 73045 96532 49491 22182 01635
86331 09223 56867 66807 29037 97473 24384 98877 77748 62433
54127 62089 14997 98266 99527 11549 31128 05809 46218 00000

18189/16046/14459 kHz, 15-03, 0600/0610/0620 UTC

11166 40122 12345 15054 00049 00000 00000 00000 00000

18189/16046/14459 kHz, 22-03/23-03, 0600/0610/0620 UTC

11166 40122 87452 18047 03559
91916 71314 05909 18687 65520 58943 70132 10343 77160 87382
80592 89403 33525 10741 86224 67521 02716 93728 06548 97148
96277 15530 19790 55926 09915 67140 18305 67505 46335 59341
17205 88481 68663 83510 27159 16125 57855 92449 27290 96602
72554 93419 99097 38376 34832 70575 07369 60463 90234 78972
38982 30246 15595 77352 35574 70523 73024 91883 80977 40485
33546 28039 29396 20300 18782 72817 85228 54007 34155 54473
70495 30392 92023 51966 40797 06539 48201 71290 35751 03752
00289 30895 74832 30516 21263 23377 34568 12211 26756 45620
68008 32234 99462 14590 52432 14252 19115 10950 76200 00244
71459 17710 00715 04034 34678 46067 58412 45003 66687 65657
72725 91661 41752 81369 10961 69773 09853 23951 06019 14715
77251 46550 07903 72768 31673 44419 50949 81017 60568 39937
47716 80552 35869 00162 45474 42661 63689 79079 06227 12691
22408 01760 96209 01281 37562 32581 95791 77643 66997 94735
65734 44578 94711 33187 30726 99918 56823 38269 66145 14091
48110 72121 98983 78468 82546 65148 58863 04222 06291 74672
40089 76338 86541 22994 60683 92509 24718 57026 29313 41565
67390 96706 56084 01152 13403 64356 68105 59326 40625 12190
15783 89777 00771 90156 80772 35335 55719 21301 21533 79474
53779 76828 17409 10495 69329 68068 97189 08060 54282 97516
63076 06791 74789 36150 46003 16601 31653 19197 53233 04446
87851 77547 94183 67196 51644 47007 95413 50311 88675 22560
40699 91991 61512 49840 97157 97519 20077 71003 13333 73455
91379 67173 00194 76384 42015 64665 30986 55906 11851 97157
20862 96544 42336 41018 72236 88279 47886 65953 96800 80365
03766 68182 50138 98156 48913 78316 39871 27587 27150 61133
93280 97035 15196 49432 95339 11222 10949 79162 33091 16856
80450 18004 07308 04703 86978 04594 97387 77768 50715 40587
90390 40283 12404 02737 10189 87166 99464 67176 07645 98683
17977 63103 97763 69949 18981 98040 54753 29992 12536 21867
00938 30053 27966 21810 50450 05812 43739 65573 93649 43222
75526 58598 27776 76673 30763 46991 70942 99188 80175 95325
04416 52813 15813 92235 88335 98082 14543 68029 79107 16316
54427 45322 26298 12837 24558 56943 05950 02316 45530 17079
20020 24685 42754 47353 00000

18189/16046/14459 kHz, 29-03/30-03, 0600/0610/0620 UTC

11166 40122 96712 25048 02529
02116 51838 94084 01926 91396 51129 41972 33568 85916 81734
67349 33844 12342 29598 38004 06993 93398 91051 24053 20872
29686 50597 30586 88888 03054 66584 69847 49677 68765 00756
52660 42976 28609 52556 03778 05127 02158 84185 30848 32642
38362 47296 01676 87280 34654 47293 09478 41056 55771 06173
30810 84631 69461 09829 05859 47532 41285 50771 95784 03600
55668 02194 96802 60153 55432 84322 15688 54271 16954 08995
36397 04637 03160 13386 32489 92394 61548 18848 05032 69446
59410 75774 50689 17620 73446 80436 89668 07165 75967 74737
08218 27993 84865 64809 95364 92111 69538 19392 78580 30695
29960 33942 88051 34206 91086 71397 04261 09038 79777 15539
68550 49085 76423 97889 61365 45703 58472 84086 77853 84475
78037 30659 55523 02239 40769 48160 33639 02804 78188 31579
49036 54795 30668 43978 98054 20069 83236 64288 19273 86122
21410 35205 76731 00958 99229 72117 48323 33811 36687 19010
49063 10211 88742 62273 43891 94782 53102 38367 29728 20243
08960 96262 91446 86032 03879 00612 61462 75005 31011 86575
37622 61626 63827 02248 39082 10109 40561 99616 04863 85934
15549 59998 64760 29185 19642 64880 37323 63131 96900 48112
34547 36509 09739 90382 78016 22931 29708 41919 56143 25861
56128 84343 77214 62587 29721 67632 97925 25649 33463 83109
32092 45129 97827 58407 69220 00273 52608 85343 57631 53854

92515 16643 31824 07741 48727 92444 88762 03075 83583 82534
42779 13539 50616 55233 13771 05107 87097 08886 28396 60748
31292 26881 38937 93509 81607 42155 89529 96408 39828 22088
48250 00000

11166 40122 67139 25049 02899
84443 02585 05608 09766 38099 54141 14438 82512 11515 03113
36243 13658 64862 93008 76815 48454 80823 94347 49273 30096
38440 92640 07717 36778 42133 52257 60285 15720 35589 04595
03797 25102 55198 34017 47151 19852 02727 59975 15697 42216
41916 38755 53740 03051 48700 33301 67381 64773 69718 24536
74880 61916 68816 62623 56719 20211 66227 81611 22568 60145
00111 25892 37325 95934 65147 61909 73432 65834 07871 73570
81642 54745 83419 64774 97439 95035 03412 17509 25279 56523
29613 78960 67860 61560 93097 76054 92594 86150 43581 80878
52478 33036 58619 75424 03537 87699 67355 89080 86049 93208
68510 07318 61725 04855 47292 75005 24018 10499 20927 42788
23788 27597 67477 29973 77469 12805 17668 02357 49950 45132
14369 88424 29348 68559 69451 82379 35866 05072 72697 07413
31917 74033 32435 37670 25707 78858 52615 02348 85465 46890
75989 20357 06499 33452 48094 38987 98274 25990 81723 75011
83703 09254 26575 81678 27824 77446 73758 90007 38060 04289
49863 97851 03256 06929 80248 05141 63665 64636 26279 18761
29085 78219 26156 75496 87316 81106 94059 56477 70157 38017
57274 91567 69088 92173 35998 77131 17865 46988 95502 55619
84179 93151 25354 30404 37605 17078 25367 14309 85987 51629
02990 35268 97489 55062 11796 47550 50455 29143 85779 21984
78309 12350 49142 13633 01649 09115 06250 30339 64741 41040
41458 50590 18596 31023 83483 64139 17812 56227 14017 33814
23375 30840 25263 01955 28608 04554 56089 89922 50446 87705
61475 64107 53236 39016 94960 66878 97240 76861 08753 35917
29037 00020 01213 60356 55996 28828 66378 47191 72039 02683
25240 96358 26840 94834 43430 07969 55679 30392 65029 70082
12130 18500 17180 00511 70757 34605 65176 41039 92035 13761
22743 27544 66647 40907 47165 84418 81376 49287 00000

Link 60070

11431/8127/7893 kHz, 14-03, 0030/0040/0050 UTC

11166 60070 37546 14001 00049 00000 00000 00000 00000

11431/8127/7893 kHz, 21-03, 0030/0040/0050 UTC

11166 60070 98765 21078 00049 00000 00000 00000 00000

11431/8127/7893 kHz, 28-03, 0030/0040/0050 UTC

Null message

Link 60168

22926/20458/18544 kHz, 22-03, 0800/0810/0820 UTC

11166 60168 13592 22002 01399

15532 98697 069 _____

_____ 7 83909 09353

18386 27026 84718 56104 21389 46326 32538 26341 09571 24369
56184 83081 21832 72858 84304 18235 72090 90942 91290 93135
86218 83547 93519 50840 12701 39785 38374 76874 71859 71949
43048 95796 16034 07871 86379 09231 69403 35213 90867 36578
23456 04241 69230 80484 44096 15382 94940 98581 83284 76086
46156 04241 69230 90484 94446 25382 94940 98581 83284 76084
62636 23872 16726 91272 37670 89365 80862 53819 20259 81384
94206 86320 39838 06745 10657 72847 70629 03219 92370 61960
18059 09240 53278 69080 12060 70254 62589 87649 29565 53296
78969 98161 92619 12382 41606 17636 30243 70840 62927 78691

12652 52361 25843 35153 47619 95787 83286 06032 15313 43833
38985 82385 51417 54512 57847 22108 45990 02137 00000

Link 70059

9174/7384/5148 kHz, 06-03, 0500/0510/0520 UTC

11166 70059 32485 06001 00049 00000 00000 00000 00000

9174/7384/5148 kHz, 20-03, 0500/0510/0520 UTC

11166 70059 74123 20001 00049 00000 00000 00000 00000

Link 70202

10671/8093/6879 kHz, 01-03, 0700/0710/0720 UTC

11428/8026/6884 kHz, 01-03, 1200/1210/1220 UTC

11166 70202 97452 28040 02139
36929 51824 42417 29585 29625 41778 42030 64272 23193 95326
63608 67816 51499 51408 24872 18924 33636 08293 06201 39696
56069 53064 91823 70284 89645 65426 82572 01451 96157 69255
47420 00978 04141 30351 05964 94862 58600 23812 59064 89237
74349 19480 09808 43946 47648 58884 41995 33717 05832 22134
48325 57877 99612 08182 25494 84535 67751 76907 78351 40175
28767 26461 00349 80592 79399 04285 22428 04129 04490 75275
47563 93114 27972 95507 13135 94480 59670 64962 48317 75464
17586 57696 18680 15354 30352 52888 75179 19196 49560 15209
49733 64430 26632 97935 64566 16355 33933 67266 47512 73386
34809 71254 70456 28038 32240 01817 53117 54564 50785 23243
99344 59194 31533 65649 58122 53908 44710 06801 26464 39683
49660 90766 36402 10144 56879 56813 93233 11574 71781 76999
57228 20201 24889 25896 85981 22708 18147 30873 79597 10903
42026 76390 95895 26495 43121 60727 27820 16890 46922 28600
60243 87975 65451 28081 48356 64801 44449 65286 84825 96119
29797 55248 47903 63701 57870 92411 47691 82383 99499 89209
12728 01767 12237 56129 84099 45518 80607 21728 09256 49208
49036 16026 52725 82616 77146 65713 65905 67453 72091 74613
83126 26424 77647 87840 36174 24579 24709 63074 04452 88891
72917 97419 42976 16987 98076 83249 55399 10979 05065 91509
04225 40211 00000

10671/8093/6879 kHz, 02-03, 0700/0710/0720 UTC

11428/8026/6884 kHz, 02-03, 1200/1210/1220 UTC

11166 70202 63421 01041 02159
30805 79746 84172 71334 89446 02290 56761 99542 86411 14672
96197 83100 29722 27095 78963 06728 29574 98518 14774 68594
99745 87459 19333 37811 13794 76716 56702 60062 01971 01708
99751 53572 99802 37111 82100 62588 84265 21492 40009 60573
58496 24606 67644 20296 70972 87069 34167 92994 80111 87069
36064 63818 00208 13826 83180 75720 89657 52473 41878 39001
67416 10051 83759 68675 68595 37301 13395 16869 75180 25955
73492 92411 82766 86189 50947 84834 89272 33951 32206 34942
16572 42829 81388 19158 00957 40170 39592 39827 13405 52114
68835 38660 95549 27243 89063 75513 22329 93537 81657 39683
27218 28315 57882 85915 51006 45844 15721 12300 00039 32327
33518 22255 24879 82924 73880 37776 55332 32733 51822 25524
87982 92473 88037 77655 35069 34277 58132 73925 97707 76852
79552 81848 31966 74017 57914 52253 56562 57806 70646 33588
95252 29597 12602 14931 42522 82295 25735 68145 43117 41766
24979 70998 76370 32176 43747 28414 31237 94960 47496 34068
83001 16092 88805 39495 07579 41323 02384 22908 94345 84125
63465 74907 43455 55973 58019 43280 58550 73692 38208 04054
70831 23536 61548 51027 55409 86694 37185 20926 25876 55912
27749 96404 18043 97912 80204 54065 98768 41302 84148 49673
60828 94660 80980 57780 89752 24482 72394 07925 13577 47679

01622 84600 71441 41213 00000

11166 70202 54316 01042 01979
76759 62313 76706 11117 66995 48554 07337 82001 13099 52609
70990 95573 49589 38656 21440 60135 90119 10675 32178 86093
76443 01042 58129 88271 58731 15861 81049 06682 68172 41715
62063 62939 67798 43544 49763 94508 92466 08309 17310 33972
13945 14153 26981 25498 92024 29737 45591 95715 97610 73437
59232 21158 18727 87093 60770 59489 85354 03996 08528 36672
74073 15800 79600 07297 78409 68047 66235 30231 55856 39001
88714 26790 87485 81453 23186 13621 11095 32220 67864 27474
13829 18993 96051 84059 95211 19248 69416 38174 36523 50886
09955 37282 37463 99301 54092 85743 06042 10568 37340 61873
12621 05415 82963 55023 44061 93708 93088 14862 18899 94089
65689 30058 49504 88491 85887 78545 62135 66195 65012 16551
10855 37134 25845 98585 46221 19115 57499 45579 24707 28661
88359 03342 69779 30146 50534 58552 20571 22928 34236 04452
29096 71146 55558 73425 91927 05896 86051 78674 27299 54436
17566 32156 33535 76154 60776 30973 89787 09943 00844 29420
84978 62694 58637 38850 85912 93600 30963 22570 80481 73931
08236 77935 56907 27000 93024 22847 04956 77980 67918 28820
50063 68285 86146 67837 56307 14176 83388 65143 59165 14303
34211 75193 13992 35851 01577 42195 00000

10671/8093/6879 kHz, 03-03, 0700/0710/0720 UTC

11428/8026/6884 kHz, 03-03, 1200/1210/1220 UTC

11166 70202 52367 03256 00049 00000 00000 00000 00000

10671/8093/6879 kHz, 06-03, 0700/0710/0720 UTC

11428/8026/6884 kHz, 06-03, 1200/1210/1220 UTC

11166 70202 56423 03043 02419
57036 28141 25964 97493 46840 75126 64683 79885 51902 11551
30405 66631 76982 97127 76260 71206 03596 85111 71913 33902
68034 06154 91594 05728 99639 53429 08478 64056 17775 61219
56347 64694 10914 94138 44481 60061 46305 89193 36697 38173
83642 17863 30501 62117 91162 60383 97263 14697 87642 09427
69371 77939 58691 45369 85291 02165 20813 50315 28480 44277
31654 53093 21078 79993 69877 22386 58327 19685 33107 50196
94651 82511 27375 92830 17330 08551 46510 61597 68705 13607
64904 80384 02875 16368 92097 52337 87774 92630 62615 02789
88625 36255 59496 90659 93662 31543 94950 05498 68076 66735
96587 92348 47128 43308 72638 71646 04355 60755 54631 46315
55810 81548 40935 13257 86279 05960 89628 21431 08406 11439
34116 43698 90662 36218 19940 54618 15107 11858 86219 31401
50865 74391 40153 20181 54271 08784 98035 34816 31604 06363
91199 80393 25360 39944 60353 18626 10002 86304 86721 17337
08112 50715 33449 51206 62896 73207 95690 45983 27975 21269
82830 83334 60392 98648 81272 08533 27788 24971 71227 08156
65666 65821 95947 50001 45704 18031 06836 02389 41023 79801
32875 75050 99379 60399 47808 48786 60200 09076 33511 86079
76397 67917 62995 39853 26919 78313 51476 02561 30945 95714
48942 62798 99693 92390 72672 61620 86751 52855 03126 65752
22886 91662 91651 99881 46260 48242 53450 05226 64005 38488
44229 16546 06063 67759 43986 74818 57268 35002 96356 17728
78576 82672 76967 15185 53400 72141 89232 42046 19974 43239
00000

10671/8093/6879 kHz, 07-03, 0700/0710/0720 UTC

11428/8026/6884 kHz, 07-03, 1200/1210/1220 UTC

11166 70202 31267 06044 02179
30114 77337 60475 10116 47334 99818 25760 55901 47981 36155
45531 07997 88616 09969 16879 21751 70480 24882 20102 84563
35129 86509 47407 53154 19562 21812 18436 24924 81747 50501

56038 10577 32510 88181 20736 00205 34683 85923 27322 40013
55503 35940 92022 61882 83157 98075 83657 32945 43420 26775
77255 17373 77340 03228 33533 67556 65888 02384 52701 86867
12522 49512 76019 31192 19594 46000 33545 41418 19547 69079
61510 24069 46833 75164 37764 22272 61490 61492 08719 44239
60319 65748 06240 41461 36592 08374 77914 53795 74238 07229
79129 63633 87433 19310 00419 26339 41548 89209 28481 69143
16367 08994 64347 75685 97541 19198 47098 98383 07197 05625
56599 65826 09642 71625 93662 77373 53108 90559 61103 02145
33465 68121 94097 24597 90846 69207 13306 03869 75120 89037
99183 39082 41148 73181 10918 57788 59766 16221 98432 69744
55421 93693 80901 53213 06415 07039 90196 65966 68671 46207
02718 98185 08987 99647 08040 09441 58684 66331 87814 16941
23617 49523 03357 27247 11456 36973 15371 28617 62205 97227
84234 86195 92869 46732 24289 07216 92226 67435 10574 68410
26630 79553 61436 22816 42784 99209 45458 28163 78435 35621
86137 64031 16908 07521 62763 29964 46418 83510 30916 41725
10120 76023 11034 67892 57812 43586 18488 73965 35231 81075
33593 66185 71892 02647 35001 44215 00000

11166 70202 83216 06045 01939
22515 88694 50784 13107 88705 34704 70075 25603 80519 86042
16127 42803 01912 73393 71926 02473 30857 07312 68639 27400
91121 30827 17384 28042 84290 73320 47367 36924 80482 97856
11291 79455 91192 59162 43995 10863 72710 14436 85252 73925
33530 54173 02660 57193 44211 45208 75570 58386 73112 03139
25996 82652 96444 36341 07419 30384 56079 28753 87448 54262
63543 53612 85272 90234 73647 35337 49821 92101 76179 01747
89593 24412 79098 93791 90085 93332 81679 25001 79751 20207
61023 07815 30434 87470 20396 89002 03211 11618 72813 61355
75584 22909 58322 43829 10958 56500 18404 47333 56335 84692
75956 68352 79178 44971 94265 77590 79368 43543 13427 95817
37191 39048 87646 74111 83307 36129 71851 20684 01626 43556
31063 41476 01021 76591 70956 86708 16849 08272 13047 20577
28173 99315 62948 56281 01653 61321 45131 23575 98035 32958
02625 61013 02176 73831 85096 50113 62535 05716 73746 33572
51086 55827 16461 84777 79565 81850 71651 20764 33013 83377
84224 75809 06535 29465 42122 77876 56223 56997 86859 95061
00176 19525 76507 44259 30551 91294 24553 79214 22597 56129
63081 00162 51582 35869 03701 52233 53589 38039 94669 04820
91077 45191 00000

10671/8093/6879 kHz, 08-03, 0700/0710/0720 UTC

11428/8026/6884 kHz, 08-03, 1200/1210/1220 UTC

11166 70202 26517 07046 02219
68939 75435 20410 05056 38599 40145 53261 52059 68510 69931
32157 40408 99821 75398 09414 03146 30050 80624 62913 92155
05990 31479 56448 73638 69854 70052 30632 76423 69569 29896
97817 60295 69167 31737 39453 96528 20220 84379 29316 77821
80235 20464 31069 99807 88975 21776 43566 81336 38611 13800
92348 15713 98671 34193 90769 70081 81708 04873 19196 75140
60627 62406 95692 72379 73608 26390 36674 11019 77573 10501
30910 11848 36112 05914 75368 40145 52833 91770 46298 54861
86047 52385 04007 26272 05752 05872 54775 39259 78821 73896
18325 24441 93374 47215 74298 84307 58227 26714 86180 06571
38381 44617 26098 81909 12496 95555 48929 68291 63257 32198
89177 69069 36604 05108 79030 17032 30733 51532 11050 81599
00830 62803 93925 41354 90457 85042 74734 89084 25549 32845
26146 61542 31928 20653 21996 11089 62302 41477 49687 61432
43674 47684 32837 14621 81090 13509 62621 01507 78682 84002
61242 92842 63930 40089 25966 13222 26080 34421 27167 25030
04666 77729 58803 74601 89061 80343 64784 17783 15014 78578
89643 67065 69070 00667 26973 27492 36875 51941 64044 13522

56228 23927 46061 64040 60886 57058 08478 97697 26013 11697
50820 75772 51227 27127 50449 64731 42192 73238 39703 15700
76670 24571 94859 03001 65997 11399 10341 88966 47892 27570
56627 07215 71560 99757 45281 81556 61021 47830 49554 46219
00000

10671/8093/6879 kHz, 09-03, 0700/0710/0720 UTC

11428/8026/6884 kHz, 09-03, 1200/1210/1220 UTC

11166 70202 24916 07047 01859
12973 54781 93698 57619 48612 09190 08415 52674 71805 67379
23688 16575 58559 85347 74261 71830 40432 90973 24993 45053
37093 90578 22416 18497 82728 44732 92486 12541 07245 17970
07960 16329 58178 32135 73833 08726 74278 78019 04294 36814
46681 64990 89604 44076 28621 13291 76375 65485 79610 18712
09643 31677 55040 44306 10213 49380 77114 18844 85683 50319
48077 46695 98608 25751 91668 58828 40218 88835 33724 59597
83150 32029 57887 49034 11617 71681 97351 25304 52453 97031
48573 97029 55488 65777 17895 60164 96653 13427 37022 19104
02303 68591 08278 56727 18147 91441 65581 83041 71258 77474
62093 17143 98583 93822 20450 82146 40395 40249 06537 17811
22114 52051 12736 40514 72964 87041 61581 05281 54871 63798
65761 49555 00049 43372 05410 23394 80723 71639 08615 35771
59421 24487 46093 71688 93259 23015 75958 59774 90673 10948
99523 95047 44034 11441 14081 46564 86572 05465 73587 04593
47060 98968 93202 47049 00685 70985 58603 29837 39548 19897
26031 30820 11240 50025 23994 02081 98901 65735 92564 10176
41249 65260 21221 69062 15958 51408 71148 95392 34874 01359
92963 40854 24479 47183 00000

11166 70202 71953 07048 01779
50725 75824 30292 97320 80066 27538 37229 90559 22541 38773
75145 25860 12681 82962 89990 01884 63403 97699 09836 34549
07107 84020 10056 26678 62662 35086 25477 72507 76716 36448
20447 51748 12746 05074 52738 92888 86307 59343 92244 10416
69910 37177 80401 45656 15965 04503 41259 65915 71226 21243
80163 01604 81181 57003 30964 26043 07823 73662 37695 07630
09223 17040 81673 89055 54380 84832 89938 73260 71745 63013
85975 20818 54875 47867 68669 88424 73662 95864 30409 63201
64564 68555 50297 72475 98266 64660 23393 73735 48236 56574
11923 54464 08588 73429 29408 96501 34698 97950 93637 84664
05020 69248 09425 64282 27518 08771 67086 77346 39180 11579
67584 31964 72019 70142 10265 84797 84031 22851 04128 41180
78521 44404 88578 02597 60249 20302 74576 16213 01832 72587
42145 06142 18834 29061 55158 91140 76989 53127 79350 18416
79984 76484 14492 68234 11255 01824 76654 09018 28212 67742
91516 07612 32356 93050 84641 24429 63705 42655 79665 48129
92975 82219 40330 49544 09954 13777 17303 59533 31498 09490
85723 00439 77608 85736 84400 48175 00000

10671/8093/6879 kHz, 10-03, 0700/0710/0720 UTC

70202 79462 09079 00049 00000 00000 00000 00000

10671/8093/6879 kHz, 13-03, 0700/0710/0720 UTC

11428/8026/6884 kHz, 13-03, 1200/1210/1220 UTC

11166 70202 17468 10049 02079
97690 77848 75192 39615 49990 66830 19123 62483 20940 07261
62883 55245 84129 68051 30791 13286 60497 48980 72201 10704
32137 93505 44316 08097 49962 70810 41184 91299 96146 31786
92320 58266 87295 68612 79409 96288 29273 32652 44492 16729
59626 90327 88111 39460 38545 21673 80827 44210 74300 91252
36549 30971 94082 46128 21125 56693 96194 20564 94619 40431
44527 52157 10725 54127 91261 39087 21731 41242 38723 93154
62506 30388 76341 68323 11916 36183 53642 69423 55121 64489

75212 70724 95196 64242 28572 99066 87494 93042 80899 61212
95209 88708 05537 20142 89562 63971 24224 49953 43064 66504
75982 24060 89265 71468 48612 16385 47466 98769 33705 20226
35790 72207 91149 14484 21082 62704 34030 31945 79059 82807
69883 09297 63155 24647 59240 23571 05482 58538 77380 44705
98376 34415 90260 58898 29935 53285 80528 42456 71998 00891
84581 90815 44012 60760 26592 32431 01204 48853 60444 82204
20515 36960 55519 14171 82722 57070 87266 58085 74192 03880
18494 49649 56698 77629 82324 89016 78739 34471 02742 87298
26808 36527 13681 05743 40029 18857 62582 17277 36624 15500
09366 45096 25616 11789 56739 57998 02239 15118 72806 27140
50468 61360 91887 73903 01124 99113 04506 63571 18968 18967
72466 24482 17253 19973 29974 49205 00000

10671/8093/6879 kHz, 14-03, 0700/0710/0720 UTC

11428/8026/6884 kHz, 14-03, 1200/1210/1220 UTC

11166 70202 74185 13050 01779
61653 22516 26846 09734 61151 82058 25359 58932 53487 91377
89741 67729 21632 01632 32301 55251 24183 95621 91149 07547
43794 23706 78491 62757 31799 20655 33690 20223 72464 20667
67066 03190 15308 12705 05343 29831 48915 03358 74704 72244
14713 79408 82373 08134 84100 87292 82679 94847 47416 71645
38516 20476 88148 40113 14167 11678 40837 46623 60400 02939
56108 10303 77796 96940 21276 12218 69231 70733 09940 37148
17459 07392 59035 52553 48724 57852 96753 41947 68358 62610
69783 34843 79275 87968 43305 00474 19320 56523 72174 97471
78399 76579 66738 96684 81341 00175 01715 19334 47405 64409
41575 57683 62400 95757 80876 70420 24327 82059 22959 69929
48506 41877 45472 43650 43103 45900 26147 76700 91008 70083
27266 67961 99005 85223 62252 56803 00150 12637 92840 02645
20322 00644 30235 84532 44867 01539 38720 12928 46281 53740
65146 70885 58853 98798 42732 26815 11237 87959 42619 86017
52855 57962 71624 73170 35096 80764 39611 62960 33233 16883
44936 01054 19998 27030 51395 82576 26763 21744 55113 80309
53244 53692 64806 39773 11691 50175 00000

11166 70202 64521 13051 01879
94801 07092 85863 70360 91177 37622 60190 42462 14458 70137
14576 29568 06660 18317 10352 78071 73353 53049 92178 37312
66491 35339 46307 19681 28664 56341 94499 38941 28472 32959
65773 37716 41694 32444 13168 40065 57949 24447 67719 90107
17530 83935 46827 62607 08099 93439 59203 56474 75938 18042
73593 07111 31438 51561 43453 78546 53510 57373 04768 21292
22609 52285 89206 06854 37064 06923 19797 74847 92393 61055
81298 53647 28294 77301 82484 40506 72994 81650 52493 52085
39665 64235 38453 81335 54553 38802 96569 21659 21563 84305
93850 44296 52926 17066 62663 39874 20695 66942 75317 60046
08707 55932 30847 20178 69734 02664 71193 48994 17498 01197
68967 96143 08223 47574 53980 33608 91440 12577 70732 11897
34715 84097 84050 56966 51981 27581 75046 18796 90180 37977
94610 07563 53896 81623 66596 78358 72650 51515 57912 50364
40571 84390 57688 71449 83113 13065 32712 64111 30515 52462
51330 13702 02672 42772 92980 84875 35141 98173 85572 77200
00931 34567 37869 55863 07787 74738 59092 18413 75651 54410
82912 83471 23988 77608 38026 12365 23652 94779 32498 99590
93003 02099 44062 93075 42949 51185 00000

10671/8093/6879 kHz, 15-03, 0700/0710/0720 UTC

11428/8026/6884 kHz, 15-03, 1200/1210/1220 UTC

11166 70202 54871 14052 02159
75999 78327 59786 86198 89090 58794 14010 01055 03446 37866
80537 62873 25148 42921 56001 28528 82095 06092 39312 58847
84850 87298 40606 32133 37992 49742 52413 68719 06635 11254

00206 52494 67815 19984 14543 60341 01428 27823 91970 35419
00402 60031 36891 65239 04797 04490 01567 50450 89522 69014
66466 75298 60347 80181 28119 15673 37905 22091 86686 45693
34372 38508 50421 28767 52507 46821 99211 04061 61748 37256
74396 04313 31038 55779 87032 65938 23087 94130 61811 17349
79735 35423 58805 56439 53132 28745 40232 53169 62386 91209
74434 38181 80407 60869 94239 63387 80600 48964 51914 45470
98114 64914 37886 28232 85334 12499 55413 24725 66286 80678
68411 25108 19668 77472 64605 81161 45176 80342 01201 03400
92820 01518 25263 31720 59915 91704 85993 65522 85431 30601
81086 64244 96405 77678 04351 54233 86080 81642 86795 02915
28474 72033 48358 46178 59061 81383 02461 79922 76261 71385
80592 51702 43404 61501 69092 13405 95880 83442 75331 20904
83151 09981 65475 91621 00310 31494 41014 55938 88879 78726
46255 63385 11542 15154 23952 29569 30473 47434 61273 34741
43983 27351 93287 09980 61147 43705 56154 71897 19103 27576
07211 91823 72722 19414 54140 10403 11328 71369 60414 33529
82146 83327 19180 70579 25195 96063 12808 00856 49271 89968
00260 79199 03750 52213 00000

10671/8093/6879 kHz, 16-03, 0700/0710/0720 UTC

11428/8026/6884 kHz, 16-03, 1200/1210/1220 UTC

11166 70202 92587 15053 01479
42211 97011 85986 79364 82074 66146 21275 0653 38471 679292
16270 75761 41886 18994 77698 65784 47714 3322 60704 166983
44021 55681 70687 75936 11819 57010 24885 6389 23243 044200
81405 48863 66687 50294 24871 26011 25628 8162 31768 436024
31132 14755 53481 76173 89940 60320 45074 8372 92948 935941
57787 46427 68993 15413 24154 19673 24234 4635 30088 655175
69457 53490 54079 70694 04855 69784 83571 1558 00303 762570
22395 11812 32958 46903 72272 75207 84713 0330 76108 146492
43649 42090 33227 86927 87239 81451 08866 1817 20314 031523
72913 11065 51880 01569 79773 53034 22618 7251 38473 048793
55402 01992 37935 34032 28368 54096 01928 0678 53332 271035
78637 06159 88133 28859 56783 93111 59391 4445 91563 212974
93737 26031 46034 44390 81344 84173 74686 6437 79994 745822
02556 84182 12888 38205 93393 35630 19595 3500 37329 512643
81944 81904 27222 97629 74940 53145 00000

11166 70202 87451 15054 02559
61272 86234 53396 31454 10444 61228 80980 6710 55069 439152
87453 51219 67412 90479 17837 47159 43692 3710 38869 448266
73852 63677 63614 49021 87991 84146 04572 9560 17351 393124
47604 58017 04567 56835 76245 91019 15328 2328 49114 675961
78071 56361 99326 60811 71964 23553 71494 4048 85351 591956
40866 44727 64630 12284 41933 25641 39195 9553 71259 962186
94133 12057 08146 23704 15877 67606 00438 5973 67817 936209
60832 08293 52220 54400 50210 39769 94928 0660 26457 578688
26465 56287 09658 70475 32803 02646 02958 8542 25435 267415
26672 77061 46539 41578 79930 37112 23314 4661 30379 114205
19493 89980 77426 88550 32894 19536 08939 1977 03219 306555
69235 10039 41433 12064 42419 49766 37147 1614 99111 037972
18997 14953 60156 94560 39899 15026 67145 0667 80655 479730
53188 76335 86326 07389 92383 61498 81408 4584 78341 027804
56204 73158 71692 53130 28879 99069 75564 5216 86300 166989
14876 13210 20226 61135 65481 64330 59941 4854 88804 011147
96834 10649 04576 13354 52301 44038 21218 9220 96064 235226
20587 86174 15975 38967 72228 96867 70819 1490 03456 992561
22268 02176 46798 61368 46699 36762 34138 3132 96895 841110
74927 99579 76955 40868 02959 37795 17601 8834 24350 766075
35035 97377 06489 12494 37078 19350 85185 0046 60083 714962
33973 31138 53411 01531 23489 52990 88638 8044 49668 235827
05807 74484 74181 91350 81280 29703 82408 0750 90897 061531

02891 88793 70592 49820 66203 19691 21651 1248 83897 193454
04075 12477 77376 73404 21458 77688 45617 7893 43782 938603
22730 13408 85903 54253 00000

10671/8093/6879 kHz, 17-03, 0700/0710/0720 UTC

11166 70202 82459 17014 00049 00000 00000 00000 00000

10671/8093/6879 kHz, 20-03, 0700/0710/0720 UTC

11428/8026/6884 kHz, 20-03, 1200/1210/1220 UTC

11166 70202 97812 17055 02059

55491 85280 79679 74675 68277 72610 16828 80373 83979 24182
25043 98531 86632 29087 69389 27483 08019 21798 75039 32131
42847 01817 44263 22632 10908 88184 47730 04650 77132 63542
63565 68399 65504 87433 62599 08624 27755 83524 63239 92736
52779 30447 04420 19284 27714 10935 10043 33930 86616 98953
43371 95146 07670 89505 74793 06807 44872 00791 11407 59845
05125 03432 61858 50202 06678 56423 34871 65217 79854 54516
94901 55667 95997 16715 23366 35640 35584 70568 58868 77427
31427 11958 14869 93618 47920 45053 98233 23599 82252 32141
77099 66619 98531 07991 71491 28646 30757 38475 65136 75156
15577 28102 61899 07092 40770 06168 35288 02129 20385 46209
44466 88481 32476 98443 15203 43404 80382 39884 09201 33591
63467 71820 30243 39658 68279 19347 40596 31890 16050 12632
86098 89455 27491 54612 53380 80250 90797 04800 07654 43591
43824 33890 84501 42910 06355 28859 34108 80672 23404 53234
41374 92680 05497 92230 70339 63957 76853 37438 06369 33410
67427 90745 94521 79438 09723 92187 97555 03697 26339 01416
21995 55181 19171 87455 85699 61843 96214 06462 25381 61906
96894 72150 67494 52074 01882 48583 10949 94829 38306 20017
95063 51992 16322 17482 51233 36746 57964 06785 61698 01294
04220 67636 73903 55203 00000

10671/8093/6879 kHz, 21-03, 0700/0710/0720 UTC

11428/8026/6884 kHz, 21-03, 1200/1210/1220 UTC

11166 70202 61873 20056 01419

39978 39746 96790 57245 81690 69878 41147 76709 13407 30420
03540 36596 00027 37239 95213 27684 43173 12110 68280 01711
32465 32781 34798 10549 60152 99937 70333 67749 47579 63244
12929 87133 56895 73656 93420 78124 86460 54195 58035 02503
73374 06358 69218 22277 51580 94367 95618 93352 38968 74438
27165 84695 51914 61247 76189 27661 70710 48805 50511 25195
04302 27905 09443 75583 27780 67341 38629 90435 91069 51086
04689 11603 22241 88612 75563 56698 73893 40545 17535 47928
86037 26833 04838 03907 63921 09630 02810 99144 94235 68070
10510 20904 48135 07121 73750 78105 44513 67712 04476 41971
71970 30315 67426 23090 92905 29174 20024 14606 78183 19362
16420 56194 45796 63861 11639 98541 01970 32849 26758 72983
08156 32379 61059 96023 22328 04640 62091 63389 88040 66993
89580 13332 69678 81957 34124 63856 57329 75344 76609 56139
00000

11166 70202 29156 20057 02359

73013 34340 63259 14143 99229 99222 03066 22064 42937 36616
76005 75122 42524 68413 16327 43468 18242 18413 30694 73773
45226 46149 11093 72528 63716 66761 77918 40215 43674 42832
82920 04797 45986 59133 26703 27962 47430 16230 70461 82558
21603 03860 46646 24663 92990 40037 98239 08704 06374 86821
01327 19100 78747 78676 50670 16838 25953 24373 12944 24424
81200 68354 77339 97655 47675 22522 58221 57649 52415 04363
29521 81553 93641 42362 95553 75396 98736 34640 27953 77498
35056 71749 23404 65884 40751 59570 61863 68145 67811 03236
69955 97171 54492 38040 19238 61206 69326 18244 14006 21649
93907 99741 48348 97060 36628 77501 37119 36782 94564 63732

50525 12633 05692 17717 07021 02103 58616 63231 04180 61498
52024 54511 92250 12452 21009 76681 20076 90259 72500 91600
08057 27471 96944 65051 27859 71160 48451 36219 93546 57344
10589 15388 93823 90949 89997 20803 20084 04794 05037 90624
69941 96004 61634 30922 30940 63317 33522 85634 74130 93692
89070 39453 12188 71682 31875 89535 01781 09992 47312 47017
94853 24668 72236 54242 68530 03357 30002 28653 88314 40059
98017 69276 84283 34836 99998 86750 44947 81885 40114 42816
58487 94440 21220 10228 56026 39916 14361 89002 36654 83757
71724 39963 78870 65401 00247 21496 68137 54820 38047 40474
95245 63061 00878 53277 05152 05227 90788 77845 01009 39336
84181 02707 33047 29503 41448 03912 27010 06869 05376 05825
31833 26722 80511 57233 00000

10671/8093/6879 kHz, 22-03, 0700/0710/0720 UTC

11428/8026/6884 kHz, 22-03, 1200/1210/1220 UTC

11166 70202 78531 21058 02559
19269 71248 38027 24527 35997 92913 23894 78581 14929 56156
09491 85802 08847 22909 69592 20630 67753 07222 69637 61202
12108 35191 34126 75120 80376 76473 72937 94757 24343 14566
01485 61808 50602 48047 15664 45766 31689 39960 07520 66008
35273 57527 32574 72189 44850 69386 64750 62615 70388 92531
99835 45300 72338 06151 93414 71379 47473 74543 44210 95581
49968 46312 58778 43429 46190 22003 58480 89874 26597 07399
14685 79043 23214 94639 23128 39780 06116 38364 53366 76678
57340 19059 34270 41300 45694 10800 61491 13237 50861 95579
37832 45743 10274 91397 82473 55594 87174 86316 69979 61871
83304 95655 85026 03370 44658 84520 03798 89295 33743 22848
37968 62955 66782 65161 02226 83125 39292 72224 91272 52780
88478 16766 77226 49871 65890 40483 63378 39843 18757 54501
55227 74585 03461 00472 34743 07481 79574 14512 48790 79268
57898 61154 47644 54391 00947 29509 34548 12513 99309 08820
12239 24909 72325 85600 37383 70401 66514 29544 18864 70530
50203 60382 20852 48658 27777 12899 56595 42681 21992 42268
83872 26045 97804 36915 38047 16746 26132 31083 63648 79009
10991 34294 30433 47336 28463 19894 44850 27587 50901 39866
92863 54820 54840 58097 75045 12545 36024 19301 19907 43091
80004 95754 86378 03782 61753 79073 91391 48590 72694 09179
23499 39978 98637 57668 28459 20586 97015 07769 77742 99492
46873 98047 55872 32692 70059 22099 27561 02512 47038 01356
70565 25640 75769 73250 85200 44449 47093 61883 16454 81310
35057 23401 49633 60589 25619 83276 65486 27996 32171 07659
65733 21993 71310 58253 00000

10671/8093/6879 kHz, 23-03, 0700/0710/0720 UTC

11428/8026/6884 kHz, 23-03, 1200/1210/1220 UTC

11166 70202 25487 22059 02159
47989 74329 82862 56005 30672 56615 13566 80419 79798 00314
36342 85537 10699 26962 58361 79645 01984 90536 29066 82786
93006 58475 14045 39864 68128 26787 39310 85801 01250 36424
41927 42429 59021 83118 87931 51807 86191 37857 43460 75656
21520 20190 10054 15594 17690 91561 60044 33851 63669 60845
32992 79172 32943 19275 79081 47578 06071 46957 60436 32670
40984 58149 46280 45188 89496 77504 62879 06478 83418 64454
84211 45587 38760 27918 74295 54650 51419 98545 17113 82266
82828 50656 95072 69554 58967 91073 01942 58568 31195 57047
01190 27766 72344 90441 65680 34215 06493 80376 59647 67222
95877 91520 48894 43080 33363 20215 50149 95614 13927 45609
55530 42213 83571 68013 93029 30041 89131 51641 08980 92109
77378 13933 83430 67903 16899 28651 14373 68239 41151 34933
31739 89057 36151 69484 27142 03818 21235 64109 10260 89206
96312 75755 27825 63825 54070 41273 06148 44556 80552 74060
03113 50290 92556 44796 80586 07709 85281 13440 33165 38802

88672 04690 34221 34812 55890 44085 85156 46291 32344 96941
78832 43959 78740 77304 13084 30051 46557 19107 15274 04837
29410 26730 63822 18010 38729 47136 17644 59621 77186 30781
89429 70255 08324 73470 23720 75129 45803 56374 65697 71808
10721 26367 31637 26218 30436 83884 16961 56648 77329 70494
02819 10430 70946 59213 00000

11166 70202 31576 22060 01779
96069 05708 47560 83183 08263 69264 81340 47204 79653 61078
06794 66835 41874 03734 33985 53114 28696 34029 61624 48206
68990 61539 38638 76987 63387 45636 18018 60053 68056 08156
88892 17835 34054 23891 97766 20521 75679 56111 94848 63466
66270 29285 66420 72779 84870 56197 39173 70766 62228 61648
67461 55931 99533 69928 39399 77215 58356 48235 62741 07155
45210 23254 16488 43664 39183 13056 79153 95104 36071 41520
69626 28357 07456 27467 61569 84558 98157 65678 57287 92207
10509 42007 32012 32319 48876 49749 84528 35318 22880 99480
55090 14359 32737 39530 96553 64755 85176 29294 09677 84218
13350 32559 78512 93573 99194 23044 66837 62659 21664 19325
61557 71088 79285 91351 74012 58558 60461 05727 35146 44400
59971 01948 45443 21056 65096 16787 65601 51165 59814 99009
58855 22957 20493 81609 20908 43624 01533 03749 58386 75379
34382 99594 01775 43870 88370 96242 63764 77710 42295 95388
63622 27789 58313 85807 76241 74451 15812 10138 36704 55763
64940 18919 47771 04229 59538 86362 22778 95831 38580 77623
13936 98829 54365 84258 04297 60175 00000

10671/8093/6879 kHz, 24-03, 0700/0710/0720 UTC

11166 70202 53721 23035 00049 00000 00000 00000 00000

10671/8093/6879 kHz, 27-03, 0700/0710/0720 UTC

11428/8026/6884 kHz, 27-03, 1200/1210/1220 UTC

11166 70202 48531 24061 02659
28975 18474 40125 52289 23299 07560 91140 26601 47583 75295
74976 39464 19662 71284 16789 77271 49601 11359 98238 35908
29705 96363 95211 28076 64853 32614 23829 32109 10366 89944
74449 80739 09568 58295 38351 13240 48252 88769 56771 39382
68219 30105 46997 88649 07099 96483 85200 43142 56609 27641
50690 77605 56483 27184 61285 55037 66206 90078 54485 51285
81787 55230 94126 07091 89729 44100 07220 31018 75401 71296
80646 01689 27984 38073 72408 42779 09193 44675 17115 69203
77950 82478 30394 27930 88212 91834 41922 81859 02116 96594
11746 10212 85657 51218 09602 23851 79065 61424 61904 18988
59081 64307 96104 17706 35311 78874 37088 68732 47855 62919
35323 06908 58386 37187 31431 94778 51880 62763 86863 94760
91173 82617 35391 45304 91543 63248 35069 39504 07496 97363
25391 29580 48937 53533 19294 05685 68949 83748 84722 22457
90311 24836 95427 71771 62993 54647 55692 25112 69789 88983
28667 94020 22282 30167 23017 82037 14328 03222 17540 26597
25252 40579 28478 54286 89928 01266 49178 97937 77957 35495
16816 48959 49097 30607 85844 43370 77160 99298 12882 04954
59555 96067 82701 93983 54658 72825 30031 34951 14203 09603
36835 21738 02879 81291 09775 23660 22326 46360 67532 40837
81709 68475 92681 82309 82061 06980 27802 65346 06587 37144
20518 59389 34105 86151 47146 23055 17831 95734 69653 07646
96672 47418 05589 25598 31233 11287 15707 07319 81712 04234
38943 94822 69888 68616 29445 45638 92366 07261 75339 45400
77286 35750 03929 52566 01678 37934 02997 23703 11642 35604
12917 92783 12556 08259 69248 02913 21485 23911 00509 13941
98984 66866 10810 61263 00000

10671/8093/6879 kHz, 28-03, 0700/0710/0720 UTC

11428/8026/6884 kHz, 28-03, 1200/1210/1220 UTC

11166 70202 42817 27062 02099
07685 68906 47701 22227 08185 82476 90724 12331 29243 18484
14490 00486 70085 90128 45326 94976 30316 61325 07276 13357
59399 62861 46627 23849 57406 64894 38176 95436 19226 66748
77925 80081 39416 89919 91892 75516 19890 85252 15713 42029
47614 90204 24742 71701 34529 97154 19323 33512 36845 18677
94925 42774 95933 60733 51831 28308 67987 39700 24056 95817
34627 04196 32204 10894 11669 47620 89927 50077 98205 22358
18696 93437 33226 91577 50541 57080 51923 79571 23496 89042
58912 06558 99376 77002 60524 18905 58632 41238 23364 50695
51918 11285 51336 77575 13113 09719 98306 48831 63426 91503
58601 08624 61330 12344 02519 42318 77960 24483 49060 08851
02707 23372 93040 45071 08655 93665 28793 52989 32593 27959
37637 05875 49241 16728 31304 34139 44418 32894 68508 76939
16819 59450 86852 10446 63086 33600 17249 88702 25884 05830
73047 58028 09627 37367 31062 30885 93597 84450 46676 30161
97090 42852 70217 39798 76313 51099 56792 22704 57700 75816
86762 91892 37349 27636 39053 45778 01249 81117 84484 03570
46007 97104 91305 01700 04745 70956 60124 37230 07854 55106
30420 69159 33315 29364 25829 13585 26240 17415 30377 93647
92351 72946 12871 30203 95072 83841 41606 84141 10910 67875
56606 86321 22840 58354 91565 16027 56356 62207 00000

11166 70202 31576 27063 01859
94641 24209 55511 61327 21701 28990 62286 86778 93081 37668
20333 29099 59147 10546 48522 44425 84547 65657 86029 48640
23667 24812 66287 05842 56733 62851 07033 97377 28749 71072
71174 44890 58446 70747 78133 85796 09447 37677 70368 24650
40818 23720 64761 08816 79212 86226 43549 01906 79769 61326
64504 53399 67984 41997 95031 87892 79716 46859 99883 62424
41524 90624 37173 65287 58532 92153 42377 54801 01997 81032
05015 61449 13763 88639 67690 01840 69813 34609 02185 77916
70081 44648 42285 59864 46715 60640 78043 76141 08003 28967
41147 59081 60107 77990 36086 19491 73843 20641 96813 48700
88645 43028 73584 71481 70935 65032 79645 98294 69074 83806
52492 50276 32081 36121 09350 55426 84309 40496 01590 39424
73269 05061 97753 59505 32778 12064 49882 54852 28635 14987
22829 11914 79000 09198 91251 68113 66669 62065 33965 02368
85428 13494 80348 85867 87681 82800 88489 91537 25531 42880
59749 85636 02508 47591 19447 49915 78128 23300 18346 07786
92475 60531 34619 52927 02982 66640 81001 03773 50612 65469
46797 32309 97624 54909 29443 40636 04106 58309 35307 83714
35454 30671 54414 63183 00000

10671/8093/6879 kHz, 29-03, 0700/0710/0720 UTC

11428/8026/6884 kHz, 29-03, 1200/1210/1220 UTC

11166 70202 28493 28064 02919
94569 83128 89968 50186 35287 75500 48404 88416 72610 72584
84082 07862 23838 42374 19573 09331 07830 28280 92410 57924
12174 53664 21525 33907 41297 31157 97588 03211 62720 62704
26979 56001 93654 41265 84044 86749 95108 90117 51357 14249
65704 00691 52640 65002 52392 54874 08062 68435 20240 42737
66573 37356 48500 11594 94997 32112 45132 07355 28526 31869
96958 94101 12348 61463 97670 62820 89061 47256 20840 65233
11594 00424 30144 33667 86274 51136 43983 72890 75791 82044
96679 34864 16687 34525 63449 12341 31094 86113 41327 12245
37400 22572 03236 94778 89523 53017 67394 89188 99490 41557
49234 22127 22998 53864 88035 19550 12658 42132 65444 68090
68600 16847 58085 46837 41126 78811 91431 65464 65105 09863
87144 69643 30790 45717 21043 99683 20752 79379 33918 13326
67612 68565 62361 08635 12267 45552 81798 07935 67276 52917

78922 88703 15137 53590 95702 72393 96080 88661 12173 07084
65133 81376 60160 04930 23087 10765 85180 20329 51087 03333
98645 79751 03524 16259 87599 99161 38909 10536 74164 49981
93428 37484 41874 59523 26864 87088 71094 56833 95550 71582
50707 99882 32095 42732 58263 45043 36497 66239 25765 44787
08400 01719 33293 84546 75132 61674 97642 94669 95246 47923
48179 98412 42226 88886 07073 81904 98056 26214 16131 97020
11352 24144 77386 33107 99718 00070 99653 18488 01037 99724
68223 37695 03370 65443 79889 75356 08158 70914 10497 22688
06415 20886 07199 07514 72590 39242 22601 33764 05802 93904
32997 41379 73110 31978 07870 22565 34543 23591 22845 55331
54536 37870 33295 40251 29491 99475 50776 51386 86133 99141
89479 37303 30360 56657 74892 33130 51259 59729 31854 69581
10000 27161 94192 89897 68264 69779 03133 10627 35922 47561
86661 87199 42636 46385 37031 70216 63069 22846 28607 64289
00000

10671/8093/6879 kHz, 30-03, 0700/0710/0720 UTC
11428/8026/6884 kHz, 30-03, 1200/1210/1220 UTC

11166 70202 63421 29065 02159
30805 79746 84172 71334 89446 02290 56761 99542 86411 14672
96197 83100 29722 27095 78963 06728 29574 98518 14774 68594
99745 87459 19333 37811 13794 76716 56702 60062 01971 01708
99751 53572 99802 37111 82100 62588 84265 21492 40009 60573
58496 24606 67644 20296 70972 87069 34167 92994 80111 87069
36064 63818 00208 13826 83180 75720 89657 52473 41878 39001
67416 10051 83759 68675 68595 37301 13395 16869 75180 25955
73492 92411 82766 86189 50947 84834 89272 33951 32206 34942
16572 42829 81388 19158 00957 40170 39592 39827 13405 52114
68835 38660 95549 27243 89063 75513 22329 93537 81657 39683
27218 28315 57882 85915 51006 45844 15721 12300 00039 32327
33518 22255 24879 82924 73880 37776 55303 20533 96269 56144
52599 00967 01722 67280 65069 34277 58132 73925 97707 76852
79552 81848 31966 74017 57914 52253 56562 57806 70646 33588
95252 29597 12602 14931 42522 82295 25735 68145 43117 41766
24979 70998 76370 32176 43747 28414 31237 94960 47496 34068
83001 16092 88805 39495 07579 41323 02384 22908 94345 84125
63465 74907 43455 55973 58019 43280 58550 73692 38208 04054
70831 23536 61548 51027 55409 86694 37185 20926 25876 55912
27749 96404 18043 97912 80204 54065 98768 41302 84148 49673
60828 94660 80980 57780 89752 24482 72394 07925 13577 47679
01622 84600 71441 65213 00000

11166 70202 54316 29066 01979
76759 62313 76706 11117 66995 48554 07337 82001 13099 52609
70990 95573 49589 38656 21440 60135 90119 10675 32178 86093
76443 01042 58129 88271 58731 15861 81049 06682 68172 41715
62063 62939 67798 43544 49763 94508 92466 08309 17310 33972
13945 14153 26981 25498 92024 29737 45591 95715 97610 73437
59232 21158 18727 87093 60770 59489 85354 03996 08528 36672
74073 15800 79600 07297 78409 68047 66235 30231 55856 39001
88714 26790 87485 81453 23186 13621 11095 32220 67864 27474
13829 18993 96051 84059 95211 19248 69416 38174 36523 50886
09955 37282 37463 99301 54092 85743 06042 10568 37340 61873
12621 05415 82963 55023 44061 93708 93088 14862 18899 94089
65689 30058 49504 88491 85887 78545 62135 66195 65012 16551
10855 37134 25845 98585 46221 19115 57499 45579 24707 28661
88359 03342 69779 30146 50534 58552 20571 22928 34236 04452
29096 71146 55558 73425 91927 05896 86051 78674 27299 54436
17566 32156 33535 76154 60776 30973 89787 09943 00844 29420
84978 62694 58637 38850 85912 93600 30963 22570 80481 73931
08236 77935 56907 27000 93024 22847 04956 77980 67918 28820
50063 68285 86146 67837 56307 14176 83388 65143 59165 14303

34211 75193 13992 35851 01577 66195 00000

10671/8093/6879 kHz, 31-03, 0700/0710/0720 UTC

11166 70202 79241 31089 00049 00000 00000 00000 00000

Link 80214

20219/19353/14375 kHz, 02-03, 1330/1340/1350 UTC

11166 80214 69457 02034 00049 00000 00000 00000 00000

20219/19353/14375 kHz, 09-03, 1330/1340/1350 UTC

11166 80214 13856 09078 00049 00000 00000 00000 00000

20219/19353/14375 kHz, 16-03, 1330/1340/1350 UTC

11166 80214 54782 15033 00049 00000 00000 00000 00000

20219/19353/14375 kHz, 23-03, 1330/1340/1350 UTC

11166 80214 54781 22078 00049 00000 00000 00000 00000

20219/19353/14375 kHz, 30-03, 1330/1340/1350 UTC

11166 80214 13856 09078 00049 00000 00000 00000 00000

Link 90017

15739/13429/11068 kHz, 21-03/22-03, 1520/1530/1540 UTC

11166 90017 28651 21009 00889
86218 83547 93519 50840 12701 39785 38374 76874 71859 71949
43048 95796 16034 07871 86379 09231 69403 35213 90867 36578
46156 04241 69230 90484 94096 25382 94940 98581 83284 76086
62636 23872 16726 91272 37670 89365 80862 53819 20259 81384
94206 86320 39838 06745 10657 72847 70629 03219 92370 61960
18059 09240 53278 69080 12060 70254 62589 87649 29565 53296
78969 98161 92619 12382 41606 17636 30243 70840 62927 78691
12652 52361 25843 35153 47619 95787 83286 06032 15313 43804
38985 82385 51417 54512 43456 89887 09086 00000

F06a – FSK 200/1000

4575/5761/7367 kHz, 02-03, 0500/0515/0530 UTC	File 44471 (binary contents)
4031/5119/5933 kHz, 03-03, 0500/0515/0530 UTC	File 44472 (binary contents)
4575/5761/7367 kHz, 09-03/10-03, 0500/0515/0530 UTC	File 44472 (binary contents)
4575/5761/7367 kHz, 16-03/17-03, 0500/0515/0530 UTC	File 44472 (binary contents)
7654/5432/4573 kHz, 23-03/24-03, 0500/0515/0530 UTC	File 44472 (binary contents)
7654/5432/4573 kHz, 30-03, 0500/0515/0530 UTC	File 44472 (binary contents)
5143/????/7654 kHz, 31-03, 0500/0515/0530	File 44472 (binary contents)

Notes:

New frequencies on March 2, 3, 23 and 31 March
File 44472 was sent on all schedules, except March 2nd

26185/20966/18545 kHz, 04-03/05-03, 1500/1515/1530 UTC	File 04461 (binary contents)
26185/20966/18545 kHz, 11-03/12-03, 1500/1515/1530 UTC	File 04462 (binary contents)
26185/20966/18545 kHz, 18-03/19-03, 1500/1515/1530 UTC	File 04463 (binary contents)
26185/20966/18545 kHz, 25-03/26-03, 1500/1515/1530 UTC	File 04464 (binary contents)
20044/18235/16091 kHz, 22-03, 1520/1530/1540 UTC	File KI30044.001 (text contents)
12147/10225/8108 kHz, 22-03, 2020/2030/2040 UTC	File KI30044.002 (text contents)

File KI30044.001

11100 30044 78349 22001 02709
52077 10961 74592 70600 23683 98378 63617 00284 19416 36180
61088 93924 38864 88776 96464 10803 13371 62576 25199 20247
24907 19063 87887 66130 72295 24690 53498 51770 39493 11036
13877 81189 45608 43640 21700 17651 81347 22977 89079 45421
61568 65992 88997 45689 48642 41641 26756 22589 26296 58873
73645 40252 28640 30495 79992 56833 54048 61342 09801 66453
18598 34216 64160 84976 28741 92003 85605 40587 77910 39430
60629 55077 96724 12876 62521 26804 11511 91702 01729 51235
90803 49510 75919 40041 84521 68785 36953 24648 85512 67356
16914 55206 68146 10106 80431 30910 83641 04379 95447 22599
16826 02510 39632 73575 34004 59925 84628 89598 76630 22251
25324 53955 80465 39846 46317 28589 24913 33238 42791 27177
42215 57855 37959 71140 41203 41525 64289 64486 25287 93155
00677 48440 09361 06052 82762 21803 65337 04297 28596 37967
50969 05636 46798 14527 01667 99301 19443 16428 89987 62219
76838 98589 82490 62028 06373 18933 48645 20356 62646 57762
01468 34786 71055 04427 74595 82954 42013 97207 65468 57207
38016 27367 99310 03273 60718 43288 93603 61361 50219 15657
27730 33159 13742 49614 47491 23123 25901 54820 59160 27542
67726 09359 92787 69786 96659 78436 39422 05178 64685 73801
91953 43939 26793 64817 44250 65636 06966 77140 28285 23572
13875 39934 93940 62547 23461 67545 61178 98451 70603 86603
99250 33093 17065 44459 12661 02734 87878 59912 38545 83745
93392 02158 85161 03834 79141 08899 66195 32266 70733 79549
10533 47541 05957 04483 52229 05941 71264 16236 30327 59388
84854 73644 53230 96076 93512 14809 07318 02268 75412 39855
14481 68742 66064 09412 68273 90297 49591 69755 03366

File KI30044.002

11100 30044 89132 22002 02859
91441 49691 06312 62104 58647 24869 76679 79993 46598 98460
20358 09693 15208 59944 09321 08999 18084 75486 39998 63066
71008 49067 32660 50070 24025 01675 21130 58542 91824 42002
00021 92287 22129 27087 21681 23852 06740 36326 60022 82452
64958 07311 83448 87320 54050 06914 04037 62392 86454 36071
95185 93290 58410 91685 94904 12515 19708 34104 36934 23810
39231 33596 76890 01613 45988 94270 05612 26555 50329 78877
66900 42918 75010 82921 21849 49014 50825 31532 26936 56406
56462 97520 18075 78916 07293 64073 17811 37355 22776 80506
07852 90911 27156 84521 34109 31142 63154 89411 36462 99496
23338 59639 20396 14307 28842 23231 12744 18200 10159 94430
68679 81849 69648 05037 22178 25011 30486 67878 97120 40788
01722 20848 21223 34054 14133 24942 09996 09966 06574 14745
12900 73524 67501 24790 38907 26100 61353 40238 03631 69866
94489 45304 65241 56091 00366 67885 41322 38201 48633 43811
23884 15577 07851 49160 34703 79006 16506 74083 88179 93734
42006 36566 53909 81048 32369 59572 36140 84338 90255 60004
12320 30563 24069 22911 97907 23065 55780 59394 29645 26678
90186 71644 84467 31043 75283 73537 76257 03100 08433 40234
97604 64662 68022 85234 98782 56042 75300 88290 21117 71629
16076 22655 26934 78402 76961 55069 93278 53267 75869 16953
61596 00195 91414 70214 60547 33074 20950 16134 44164 35229
21885 20747 12525 31528 16007 55171 07128 34038 61470 74310
98171 47139 22149 82376 05908 43060 89043 58663 23266 43755
33424 42014 31940 70068 96397 97417 29113 44119 44593 13168
07016 55849 46644 02034 52509 29669 50157 04861 58864 52133
63863 20063 66949 46597 74626 07420 77988 05774 54003 39637
05093 18150 34047 00094 55752 49177 57026 50215 62467 63188
28770 14922 03716 96981

F02

Mode: MFSK-4/150Bd/4000Hz

16230 kHz, 03-03, 0830 UTC
12155 kHz, 06-03, 0830 UTC. QSX 13381 kHz
13391 kHz, 06-03, 0830 UTC. QSX 12155 kHz
16083 kHz, 06-03, 0900 UTC
16230 kHz, 07-03, 0830 UTC
12155 kHz, 13-03, 0830 UTC. QSX 13381 kHz
13391 kHz, 13-03, 0830 UTC. QSX 12155 kHz
10861 kHz, 13-03, 0845 UTC. QSX 11615 kHz
11615 kHz, 13-03, 0845 UTC. QSX 10861 kHz
16083 kHz, 13-03, 0900 UTC
18557 kHz, 13-03, 1035 UTC
18557 kHz, 13-03, 1050 UTC
14806 kHz, 13-03, 1054 UTC
14806 kHz, 13-03, 1100 UTC
16230 kHz, 14-03, 0830 UTC
12207 kHz, 16-03, 1220 UTC
16230 kHz, 17-03, 0830 UTC
12155 kHz, 20-03, 0830 UTC. QSX 13381 kHz
13391 kHz, 20-03, 0830 UTC. QSX 12155 kHz
12155 kHz, 20-03, 0900 UTC. QSX 13381 kHz
13391 kHz, 20-03, 0900 UTC. QSX 12155 kHz
16083 kHz, 20-03, 0900 UTC
20441 kHz, 21-03, 0650 UTC
10826 kHz, 21-03, 0650 UTC
15651 kHz, 21-03, 0805 UTC
15807 kHz, 21-03, 0810 UTC
17426 kHz, 21-03, 0900 UTC
16232 kHz, 21-03, 1020 UTC. Also at 1035 UTC
16217 kHz, 21-03, 1035 UTC. Also at 1038, 1050 UTC
20847 kHz, 21-03, 1040 UTC. Also at 1050 UTC
16228 kHz, 22-03, 0630 UTC
16230 kHz, 23-03, 0630 UTC
11036 kHz, 23-03, 0710 UTC
14783 kHz, 23-03, 0720 UTC
18743 kHz, 23-03, 0730 UTC
16230 kHz, 24-03, 0830 UTC
20439 kHz, 28-03, 0708 UTC
20439 kHz, 28-03, 0736 UTC
16230 kHz, 28-03, 0830 UTC
17469 kHz, 30-03, 1020 UTC
16230 kHz, 31-03, 0830 UTC

F07

10244 kHz, 07-03/09-03/14-03/16-03/23-03/31-03, 2100 UTC
9379 kHz, 07-03/09-03/14-03/16-03/23-03/31-03, 2110 UTC
8161 kHz, 07-03/09-03/14-03/16-03/23-03/31-03, 2120 UTC
7518 kHz, 07-03/09-03/14-03/16-03/23-03/31-03, 2130 UTC
6783 kHz, 07-03/09-03/14-03/16-03/23-03/31-03, 2140 UTC
5864 kHz, 07-03/09-03/14-03/16-03/23-03/31-03, 2150 UTC

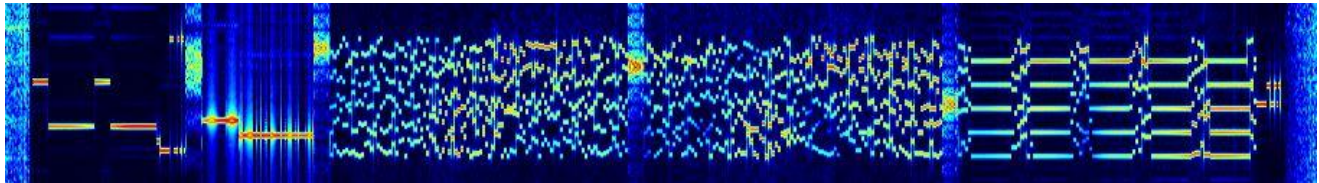
Exercises/tests

20494/19181/17441/16259/15834/14574 kHz	22-03, 1000/1010/1020/1030/1040/1050 UTC
16293/15872/14754/13392/11439/10358 kHz	22-03, 1200/1210/1220/1230/1240/1250 UTC
15874/14383/13441/12158/11544/10394 kHz	22-03, 1300/1310/1320/1330/1340/1350 UTC
13887/13372/12187/11021/10237/9307 kHz	22-03, 1400/1410/1420/1430/1440/1450 UTC

12173/11544/10351/9397/9109/8174 kHz	22-03, 1500/1510/1520/1530/1540/1550 UTC
10821/10588/10191/9222/8114 kHz	22-03, 1600/1610/1620/1630/1640/1650 UTC.
12224/12182/11543/10977/10354/9982 kHz	22-03, 1700/1710/1720/1730/1740/1750 UTC
10977/10329/9203/8113/7834/7453 kHz	22-03, 1800/1810/1820/1830/1840/1850 UTC

24381/23137/22875/21894/20752/19601 kHz	26-03, 0800/0810/0820/0830/0840/0850 UTC
24427/23124/22886/21873/20458/19111 kHz	26-03, 0900/0910/0920/0930/0940/0950 UTC
20494/19181/17441/16259/15834/14574 kHz	26-03, 1000/1010/1020/1030/1040/1050 UTC
18447/16104/15863/14706/13404/10921 kHz	26-03, 1100/1110/1120/1130/1140/1150 UTC
16293/15872/14754/13392/11439/10358 kHz	26-03, 1200/1210/1220/1230/1240/1250 UTC
15874/14383/13441/12158/11544/10394 kHz	26-03, 1300/1310/1320/1330/1340/1350 UTC
13887/13372/12187/11021/10237/9307 kHz	26-03, 1400/1410/1420/1430/1440/1450 UTC
12173/11544/10351/9397/9109/8174 kHz	26-03, 1500/1510/1520/1530/1540/1550 UTC

23158/23866 kHz	29-03, 0710/0720 UTC
24381/23137/22875/21894/20752/19601 kHz	29-03, 0800/0810/0820/0830/0840/0850 UTC
24427/23124/22886/21873/20458/19111 kHz	29-03, 0900/0910/0920/0930/0940/0950 UTC
20494/19181/17441/16259/15834/14574 kHz	29-03, 1000/1010/1020/1030/1040/1050 UTC
18447/16104/15863/14706/13404/10921 kHz	29-03, 1100/1110/1120/1130/1140/1150 UTC
16293/15872/14754/13392/11439/10358 kHz	29-03, 1200/1210/1220/1230/1240/1250 UTC
15874/14383/13441/12158/11544/10394 kHz	29-03, 1300/1310/1320/1330/1340/1350 UTC
13887/13372/12187/11021/10237/9307 kHz	29-03, 1400/1410/1420/1430/1440/1450 UTC
12173/11544/10351/9397/9109/8174 kHz	29-03, 1500/1510/1520/1530/1540/1550 UTC



HM01 - Dirección General de Inteligencia

11435 kHz, 01-03, 1630 UTC

Groups: 07271 05071 12207 10163 67506 03259

Groups followed by WinDRM. File 27750325.TXT sent after each group.

07271 55658 12206 05071 10162 12207 67505 10163 03258 67506 81108 55658 12206 03259 10162 07271 67505
05071 03258 12207 81108

Callsign: QWERTY01

11635 kHz, 02-03, 1835 UTC

Groups: 07274 05074 33241 10167 61531 66523

Files: Unreadable data

11435 kHz, 03-03, 1615 UTC

Groups: 07274 05074 33241 10167 61531 66523 (repeat of 2 March)

Files: 27870727.TXT 50710507.F1C 18003324.TXT 23631016.TXT 82076153.TXT 50866652.F1C

Callsign: QWERTY01

3-16 March: repeat of March 2nd

11530 kHz, 17-03, 1655 UTC

Groups: 18648 52778 03155 71663 40125 52433

Files: 28411864.TXT 74435277.TXT 50550315.F1C 50027166.F1C 08004012.TXT 50515243.TXT

Callsign: QWERTY01

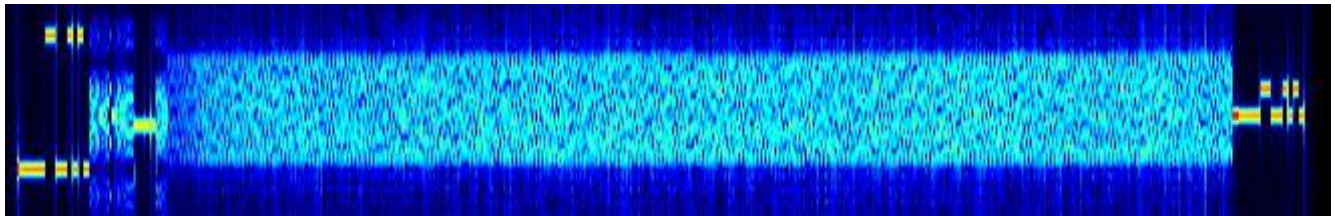
18-31 March: repeats of March 17th

P07

10328 kHz, 05-03/08-03/12-03/15-03/19-03/26-03/29-03, 1500 UTC
9388 kHz, 05-03/08-03/12-03/15-03/19-03/26-03/29-03, 1510 UTC
9062 kHz, 05-03/08-03/12-03/15-03/19-03/26-03/29-03, 1520 UTC
8134 kHz, 05-03/08-03/12-03/15-03/19-03/26-03/29-03, 1530 UTC
7886 kHz, 05-03/08-03/12-03/15-03/19-03/26-03/29-03, 1540 UTC
7462 kHz, 05-03/08-03/12-03/15-03/19-03/26-03/29-03, 1550 UTC

Exercises/tests

15874/14383/13441/12158/11544/10394 kHz	20-03, 1300/1310/1320/1330/1340/1350 UTC
13887/13372/12187/11021/10237/9307 kHz	20-03, 1400/1410/1420/1430/1440/1450 UTC
11174 kHz	21-03, 1055/1100 UTC
20494/19181/17441/16259/15834/14574 kHz	23-03, 1000/1010/1020/1030/1040/1050 UTC
16293/15872/14754/13392/11439/10358 kHz	23-03, 1200/1210/1220/1230/1240/1250 UTC
15874/14383/13441/12158/11544/10394 kHz	23-03, 1300/1310/1320/1330/1340/1350 UTC
13887/13372/12187/11021/10237/9307 kHz	23-03, 1400/1410/1420/1430/1440/1450 UTC
12173/11544/10351/9109 kHz	23-03, 1500/1510/1520/1540 UTC
10821/10588/10191/9222/8114 kHz	23-03, 1600/1610/1620/1630/1640/1650 UTC
12224/12182/11543/10977/10354/9982 kHz	23-03, 1700/1710/1720/1730/1740/1750 UTC
20494/19181/17441/16259/15834/14574 kHz	24-03, 1000/1010/1020/1030/1040/1050 UTC
16293/15872/14754/13392/11439/10358 kHz	24-03, 1200/1210/1220/1230/1240/1250 UTC
15874/14383/13441/12158/11544/10394 kHz	24-03, 1300/1310/1320/1330/1340/1350 UTC
13887/13372/12187/11021/10237/9307 kHz	24-03, 1400/1410/1420/1430/1440/1450 UTC
12173/11544/10351/9397/9109/8174 kHz	24-03, 1500/1510/1520/1530/1540/1550 UTC
24381/23137/22875/21894/20752/19601 kHz	27-03, 0800/0810/0820/0830/0840/0850 UTC
20494/19181/17441/16259/15834/14574 kHz	27-03, 1000/1010/1020/1030/1040/1050 UTC
18447/16104/15863/14706/13404/10921 kHz	27-03, 1100/1110/1120/1130/1140/1150 ITC
16293/15872/14754/13392/11439/10358 kHz	27-03, 1200/1210/1220/1230/1240/1250 UTC
15874/14383/13441/12158/11544/10394 kHz	27-03, 1300/1310/1320/1330/1340/1350 UTC
13887/13372/12187/11021/10237/9307 kHz	27-03, 1400/1410/1420/1430/1440/1450 UTC



23158/23866 kHz	30-03, 0710/0720 UTC
24381/23137/22875/21894/20752/19601 kHz	30-03, 0800/0810/0820/0830/0840/0850 UTC
20494/19181/17441/16259/15834/14574 kHz	30-03, 1000/1010/1020/1030/1040/1050 UTC
18447/16104/15863/14706/13404/10921 kHz	30-03, 1100/1110/1120/1130/1140/1150 ITC
16293/15872/14754/13392/11439/10358 kHz	30-03, 1200/1210/1220/1230/1240/1250 UTC
15874/14383/13441/12158/11544/10394 kHz	30-03, 1300/1310/1320/1330/1340/1350 UTC
13887/13372/12187/11021/10237/9307 kHz	30-03, 1400/1410/1420/1430/1440/1450 UTC
12173/11544/10351/9397/9109/8174 kHz	30-03, 1500/1510/1520/1530/1540/1550 UTC

XPA1

14451/13451/12151 kHz, 01-03/03-03/08-03/10-03, 1310/1330/1350 UTC

441 441 441 1 441 441 441 1 441 441 441 1
06631 00176 54659 57598 91835 03318 93810 87884 69788 22523
00273 61301 22769 66245 58568 73253 74778 24995 30324 93605
55849 68071 13205 14029 40963 94181 56286 93190 21769 52731
83658 56055 96370 69694 63161 04202 40922 90649 52909 99443
85406 86235 76899 27020 09205 26054 55672 72161 42075 84756
22908 56093 68482 67716 52440 46140 23953 70351 17109 13978
11673 48192 84695 06616 36033 94015 71290 35210 32901 50891
54135 50383 93857 18434 14164 27042 11016 11528 49601 60850
90573 12572 19513 04686 71860 81310 54550 85417 78473 53549
38431 92664 60764 29721 46986 29782 74118 80070 53973 67879
22905 89644 84454 99942 83448 39502 22306 05335 62167 47801
35266 95973 66334 55695 84520 18386 07328 55405 86692 69412
73447 88669 84073 86934 80343 80463 90250 60496 45784 91194
33677 73762 58633 82015 44063 38881 15915 42303 69483 94514
73302 34063 93428 74380 13829 35777 69305 18959 93653 27583
02052 67031 19249 35828 96372 70372 76218 69814 62564 05559
51696 13894 04218 47556 88859 55335 09298 96407 53677 44206
60778 91804 23481 75590 37637 98928 54272 22136 66153

14451/13451/12151 kHz, 15-03/17-03, 1310/1330/1350 UTC

441 441 441 1 441 441 441 1 441 441 441 1
00177 00108 09080 15589 44877 52093 30600 55295 26407 45534
65482 42444 90289 92681 69270 09953 80988 12073 50837 80969
53687 04621 31740 93467 41192 43950 66057 09973 84146 30024
48356 27056 39021 39134 66743 96370 09084 34986 61908 98249
01576 34728 17696 30664 82056 58296 38599 36310 33224 73947
31351 95510 56236 78411 19156 21148 25506 86999 25523 20719
06151 03876 18510 10266 96588 09476 79830 31982 17516 57159
56764 03562 01207 75773 53816 19422 73670 16381 95322 38251
90363 77465 49949 48633 60983 97128 22210 03427 07569 59460
42852 92642 83189 32313 88786 25371 54181 65318 39831 33942
03502 50982 33712 71328 02399 98048 03298 49418 88804 04540
10612

14451/13451/12151 kHz, 22-03, 1310/1330/1350 UTC

441 441 441 000
06168 00001 00000 35664

14451/13451/12151 kHz, 24-03, 1310/1330/1350 UTC

441 441 441 000
09256 00001 00000 35266

14451/13451/12151 kHz, 29-03/31-03, 1310/1330/1350 UTC

441 441 441 1 441 441 441 1 441 441 441 1
06749 00122 18376 77755 61703 04406 36471 51711 72247 61287
72760 29234 14639 22162 17180 11847 01006 22981 34698 50454
17616 39611 56762 65781 31230 50766 42843 13374 16424 10169
09317 68588 64522 43446 23821 95548 96278 76150 42125 56872
20199 70390 07001 37711 24243 81810 18872 60824 32334 47945
03274 64405 40044 97055 93642 30113 34378 19708 59334 64820
85813 42787 81578 12974 02670 67506 98001 41717 14520 68806
70194 18473 53254 98850 57146 68081 93274 02690 70250 56870
72890 00809 36119 90192 70374 77155 79112 89610 52299 00082
26047 32861 51059 41154 53636 79758 27236 34482 65016 86876
35646 34842 50294 62705 70529 69444 93350 02285 20521 76609
66802 30363 77612 65894 68064 78971 73048 41754 13043 72166
66724 99620 91018 35586 64232

XPA2

13931/14831/16131 kHz, 0800/0820/0840 UTC

13931/14831/16131 kHz, 01-03/06-03/08-03, 0800/0820/0840 UTC

07618 00098 06230 54644 38926 87255 24562 20726 84915 74684
69774 58961 23644 92469 15286 04428 67800 27557 31448 61964
27236 39265 97455 63695 50733 98108 05773 57460 56467 45547
90084 63007 58202 10722 29545 00579 62589 33812 98975 42727
98242 81902 42794 61974 60985 31482 35089 43324 02454 19510
51777 48383 35103 21514 22521 11905 55529 12955 67858 98965
82050 69691 35180 06870 97883 62487 83851 80829 05231 14578
10722 75912 91801 41965 83612 40510 66550 44395 66610 09853
25550 17342 90569 86462 94287 91828 93875 19779 63483 23646
42224 18999 72508 72484 99950 43517 07881 24922 61591 09738
70253

13931/14831/16131 kHz, 13-03/15-03/20-03/22-03, 0800/0820/0840 UTC

00282 00112 23793 04765 54614 89020 25265 25656 17283 81548
24844 44343 46719 93958 08683 96342 90038 44780 02979 44363
43139 91740 78126 53448 91448 70324 57357 61101 38355 96285
94531 34073 53248 26586 44981 01131 07037 94519 55066 47230
27561 61120 37405 58215 77604 02651 01201 76258 66527 95881
42243 04616 37587 71552 44422 55339 47403 34123 50582 01501
98741 83714 84686 78653 95800 39314 69028 48748 16979 05595
71901 77418 62218 26608 77515 11887 39395 37137 00261 74864
18015 77054 92549 18596 28394 67627 81672 59288 63088 02412
67862 78591 93645 55217 29788 77372 98127 52569 98515 39514
98394 47093 05382 00691 35760 21746 77385 91466 70013 03176
85627 41327 02824 70634 21244

13931/14831/16131 kHz, 27-03/29-03, 0800/0820/0840 UTC

09805 00124 16273 47766 36194 70982 15365 41148 09246 35930
48124 47697 16757 19937 33080 33502 09347 53768 19153 28540
17357 82153 57663 57492 45334 06854 14531 37068 80838 87688
89305 98119 13494 68580 74845 52344 47090 43653 27474 71186
98619 04407 95976 25270 55116 00197 75450 31873 40972 50726
52791 22650 31877 97177 02989 58749 28417 80980 03396 63962
34555 98987 52993 24233 22325 11888 28335 09404 63093 06053
21556 47324 87274 16984 54274 32789 52510 14169 16665 84440
27725 07169 58173 52447 51791 95364 70035 12115 36447 63271
95209 05150 57137 84332 46021 70086 01084 74857 30140 00348
88755 30397 10653 25178 43399 79080 18013 54327 10551 36908
72954 05880 14710 65650 50566 64165 66439 64986 01947 44131
71315 60014 95754 47127 48788 27130 27710

18333/16345/14838 kHz, 0910/0930/0950 UTC

18333/16345/14838 kHz, 01-03/06-03/08-03, 0910/0930/0950 UTC

08-03, 0930 UTC not heard

00506 00191 67117 02860 86623 25938 61895 42123 24138 37581
48745 10037 94798 06921 24306 48248 24475 82169 29596 26909
49526 03322 97523 12658 51472 60151 99991 49655 90959 79603
29848 05947 16633 23061 95269 95036 58472 60559 61560 99841
80114 28558 46086 00048 35238 25287 72500 12424 37165 53598
48589 13685 90237 45485 55164 47441 00549 16471 29855 58100
06887 06579 20762 88707 78683 45997 08991 14633 33586 87496
31821 25114 78627 18220 22432 06162 44936 04954 12219 25868
00323 83321 59498 07537 93508 98640 41116 74608 29404 86603
96626 58667 58478 52455 34545 22101 19617 63203 85476 24031
59276 05378 73967 01007 93530 54569 56401 28531 20920 76312
83769 99821 01191 13632 98330 43065 33083 01958 75093 00944

10817 27095 06967 18896 13324 85794 89301 94969 76812 62772
94358 89022 66285 42271 15352 00346 65424 12439 29228 11025
38393 35869 49053 25020 00482 33526 02850 44543 96795 75828
88650 60460 94040 82341 63084 98657 19851 14790 39207 28901
45434 83197 31258 98090 89643 65111 01166 10689 49510 04532
67626 23596 02845 28579 73915 08309 39207 68700 62187 28920
61460 45530 43014 72990 25666 60139 53753 67839 58130 03886
79151 74970 36184 54027

18333/16345/14838 kHz, 13-03/15-03/20-03/22-03, 0910/0930/0950 UTC

08618 00159 73055 09229 77051 67097 55173 47051 99262 13799
50193 27402 09867 42005 36974 52619 44615 06039 46276 97564
48761 24998 93584 43882 49827 57112 84553 17506 30604 97776
46594 18596 73373 47879 93808 99071 58179 40628 89695 38018
35780 95456 21317 71097 62218 51190 07433 97085 75574 62569
62097 69719 24586 50536 47758 54564 41556 00862 75855 00595
10588 50751 67583 50200 38954 47838 47236 22475 22161 47204
83712 38199 88895 18479 28786 01306 41062 21403 57428 40584
81635 86520 62647 92936 28035 11154 78734 75935 93465 90787
42207 47670 49603 18894 81501 40721 02382 45504 84817 03515
55761 86528 58488 44607 07614 24929 60511 12744 82988 06593
77565 32991 05189 78004 72042 86892 61191 45701 73560 39866
21170 12720 95193 75019 09364 99853 83370 05961 38292 85832
73653 10434 76292 36325 96859 73508 65116 23349 25786 60779
81819 93891 34807 19828 41317 65802 86400 37442 30707 86352
30036 50926 37857 08165 86151 88220 23771 50495 78691 53084
96716 06404

18333/16345/14838 kHz, 27-03, 0910/0930/0950 UTC

03411 00001 00000 33654

18333/16345/14838 kHz, 29-03, 0910/0930/0950 UTC

05880 00001 00000 35265

15861/14431/13431 kHz, 1100/1120/1140 UTC
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15861/14431/13431 kHz, 01-03/02-03, 1100/1120/1140 UTC

05937 00129 25684 45841 60310 67204 68845 59952 27019 45529
78823 51635 66764 25311 71204 03564 41384 09366 30859 36632
02322 00331 39385 20089 11858 98980 68649 12073 63689 36911
60113 05096 43252 05440 50528 22545 53074 68207 03260 52748
80131 77179 79554 74534 76625 90216 54056 36641 95123 84975
18967 41753 28818 56421 02791 42518 08844 07502 40386 44263
20783 97127 97817 79271 68192 35199 75401 59183 06163 83816
40256 07981 81158 84032 76109 45918 35140 37293 18941 43381
53528 74649 28662 77681 81601 96766 34308 15013 99443 04777
09746 44958 13445 76663 71371 18105 19170 48165 77637 49081
61909 23499 32653 42745 40871 63806 30861 93875 92746 77155
10259 83765 97392 49655 41939 43232 63585 83772 61029 23942
01193 22078 55138 75433 14927 99633 58214 97694 24256 97968
58502 20040

15861/14431/13431 kHz, 08-03, 1100/1120/1140 UTC

02641 00001 00000 34656

15861/14431/13431 kHz, 09-03, 1100/1120/1140 UTC

05458 00001 00000 37262

15861/14431/13431 kHz, 15-03/16-03/22-03/23-03, 1100/1120/1140 UTC

05531 00035 77527 43316 53086 02061 70377 67266 82818 23402
38209 59716 23816 38940 59856 06929 20258 88321 19856 27776
02806 06137 91674 39322 06081 80237 78465 77297 43462 54643
78751 22266 08450 73608 68051 95473 38734 20353

15861/14431/13431 kHz, 29-03/30-03, 1100/1120/1140 UTC

00481 00119 53731 95760 22498 45341 94117 85046 07726 17412
73675 69100 08605 08149 39230 81508 57949 77183 26494 89161
60567 69113 46455 59812 07327 10364 35287 12378 39112 97174
36123 26696 50816 03874 21690 94381 07176 69020 12984 38915
66805 07086 85625 38892 24339 93403 37653 31317 19604 03030
43158 68524 79859 27323 66088 47897 21884 36148 94686 69154
67116 62424 58841 77598 90479 50750 70917 46901 81947 37437
02656 56672 10072 77714 86663 19652 14969 53677 91174 43262
07795 82314 67377 42340 11428 95795 60351 42336 00420 19005
88957 09723 74943 28890 65530 47844 15904 91415 29321 99466
59892 77273 14151 27705 06266 27485 42542 20379 95214 58397
36405 72916 86660 44593 16764 79867 73848 99922 04692 62848
96271 22037

14956/16356/17456 kHz, 1200/1220/1240 UTC**14956/16356/17456 kHz, 01-03/03-03, 1200/1220/1240 UTC**

00246 00160 84073 93271 73649 14305 57082 86914 33753 13924
92581 50326 99593 89833 46137 96139 36068 78708 55451 90965
40681 56100 71254 49385 29618 22344 27197 22951 82898 14840
60917 05092 25968 49145 63347 05261 30722 90175 30924 72694
52251 81859 55261 10201 48040 16901 11698 20729 00422 84078
67673 71004 21644 61675 89750 32735 57032 60357 77960 59696
65473 72742 65556 86826 81872 49799 79416 19187 80894 76137
32547 30632 50802 76185 69180 08416 84110 89212 82107 31063
56173 55315 60954 63475 00217 20449 96480 69248 96383 54742
13114 94237 60105 77137 16610 66186 52996 91353 99141 09498
38963 43367 49286 34947 02606 54995 51998 01683 31288 12812
63833 12999 41943 38735 85570 95000 71508 52089 96149 66891
83120 76405 90867 43906 03910 52849 04193 67331 16395 47290
02810 04468 35404 60750 82702 49935 85419 51622 88631 66611
27099 37000 29284 26775 46941 08921 51216 55729 91596 08966
86215 73485 92225 98399 82434 35211 04355 95145 79613 66646
51385 67684 55142

14956/16356/17456 kHz, 08-03/10-03, 1200/1220/1240 UTC

05545 00204 63568 38230 16323 38588 66568 05163 08320 30680
62000 85826 65235 88338 80303 73658 03830 25527 66860 68888
63381 06565 33886 83758 52858 83006 65630 33078 58600 04206
68022 32883 60233 38007 70560 45850 70307 56263 48290 08327
03803 20787 62888 63838 80085 60278 43650 40337 77165 58561
18922 26254 21375 71687 84567 00166 98365 92795 38176 60278
43225 68690 36204 30084 08078 55714 17707 67865 75893 60570
05872 30688 80313 00075 30878 60807 68000 28888 23847 18870
35398 88860 38803 33635 55508 72589 31084 25880 66643 84380
32855 88276 29466 33326 28030 26083 83936 24823 16282 33487
06922 65622 80343 24758 25838 51900 33500 46585 78588 35585
30806 00077 77308 58441 87589 28690 63205 90864 27878 10651
75852 55333 81473 87037 07396 04573 17913 30844 88337 82538
36953 04819 88941 03730 78566 46638 00474 03578 01042 24636
85167 28505 44728 05312 06230 03300 77620 86737 78662 58302
93053 62083 07880 60805 85836 00330 28608 08540 70873 60008
28688 63074 35350 36997 80032 30195 16626 78645 90210 30458
37605 54185 88603 35643 02882 85665 80388 05820 55803 76650
44888 83895 00825 36883 87468 03802 88356 81688 63483 03001
23086 60553 08066 38806 03053 63302 00337 53263 62938 08857
05269 96402 91772 51628 63609 25101 37057

14956/16356/17456 kHz, 15-03/17-03, 1200/1220/1240 UTC

00173 00082 58578 45447 66424 30516 03091 82023 08303 01857
90135 12400 89586 09698 52853 29627 62699 06208 54262 73761
34091 47817 41680 79892 06661 57577 46557 02655 55829 20397
90464 30411 16082 59964 47045 57040 45160 70821 25370 81759
97808 24264 03367 83344 16792 51711 75543 21702 14953 76626
00362 93616 44945 18256 33730 07821 61715 35098 22962 18360
69234 50939 09844 74360 45795 72122 95163 77175 79628 52353
46759 39966 14624 67212 26862 45767 64518 88840 21819 22133
97037 58627 52576 97684 14113

14956/16356/17456 kHz, 22-03/24-03, 1200/1220/1240 UTC

07421 00112 25068 49209 59703 68459 26374 48313 26086 65052
82774 34089 65871 63783 55487 78518 00052 19409 41720 69029
23202 29430 26442 19590 41945 10493 86661 34126 44590 57769
95357 15404 27172 12133 41998 08016 23167 04471 45705 33288
40258 57856 80276 26686 33210 22319 63204 52457 06758 97129
22079 11541 24863 93880 93123 43070 40630 54419 17665 34790
51305 79062 27324 37383 98389 27117 88012 75268 85509 41910
15279 85703 37019 80098 35497 06802 81749 97133 88942 78946
19806 19991 78746 67532 79352 83437 36453 39609 68534 99804
77419 67186 08559 79605 34724 21184 71685 89492 18152 56249
95841 63229 92311 80654 81211 52810 31044 50830 51788 93528
57141 17447 93942 49540 34221

14956/16356/17456 kHz, 29-03/31-03, 1200/1220/1240 UTC

00217 00132 89511 09943 62792 64658 04618 22344 42498 64434
77711 78126 69929 04336 39440 85514 30655 28308 28275 45119
71773 87150 63795 21755 85055 28520 29504 11513 44902 62295
39787 34919 31276 81151 14240 43901 53075 72243 88925 81568
86475 16398 46951 66499 30629 16433 91201 17930 90832 30340
98483 58263 17314 52951 20179 18053 43901 62301 71612 46814
56397 49177 22727 14834 34762 38126 39471 27282 93739 32209
20283 75794 47206 71572 84260 41971 55869 01264 08252 14037
54137 79102 10416 05165 98133 27521 75091 99210 75840 25359
52940 59713 38931 16006 68571 97705 26474 96763 74203 74485
67769 73665 39038 35333 53586 06111 96690 29840 74491 04985
34924 01566 15498 98237 76830 93928 81841 26729 45295 37830
09879 80790 33633 39371 61616 54423 58852 29291 16495 78480
91970 32473 97306 51550 06675

11157/12157/13557 kHz, 0600/0620/0640 UTC

11157/12157/13557 kHz, 02-03, 0600/0620/0640 UTC

08421 00001 00000 33662

11157/12157/13557 kHz, 07-03/09-03, 0600/0620/0640 UTC

09647 00085 12626 00761 62634 64684 64088 53378 56450 81076
77861 27905 37311 35966 63655 89798 81100 07347 22200 62977
22052 20473 47285 76523 68134 11736 21909 32450 97099 38783
33352 01321 41189 83533 45279 20495 33656 00546 37026 07269
24843 74176 75425 89028 86961 86850 47457 50368 53613 42389
32990 07095 31465 06650 97720 31153 67355 48172 33736 05985
08393 28806 03600 05624 42035 33889 93450 23763 37533 85081
95446 02550 85371 39122 35461 28303 17347 99200 95074 92801
61346 11715 17376 36026 90771 53640 50678 40162

11157/12157/13557 kHz, 14-03/16-03, 0600/0620/0640 UTC

00354 00103 32047 88744 89160 14383 86284 92338 44683 77620
82345 72209 03351 97402 19684 25838 64916 93029 36103 23693
45652 02331 93831 35139 29828 89661 63222 69296 97713 97656
85204 71856 64171 29235 45768 09976 04037 46841 05391 09288
91696 86708 01869 67281 65508 32535 57783 08754 23426 64503

11515 21440 08207 48293 07536 87094 78613 67794 16286 19946
62413 69381 86431 54435 08053 80723 68924 23209 04312 51603
46478 30843 77424 13381 74306 33561 64661 74250 15172 05858
28956 04210 60570 77888 82432 71411 81369 12313 96546 71298
78271 75629 07133 16863 79548 50580 02191 53925 75996 87995
00362 65956 83192 96707 81190 77023

11157/12157/13557 kHz, 21-03/23-03, 0600/0620/0640 UTC

08400 00095 60825 83058 01694 35044 54453 60651 08461 83538
93004 02475 74450 37974 18388 81362 18737 59571 35708 45047
97696 97364 89126 32336 62938 60219 67837 19094 59261 49769
38749 62631 53870 69523 06423 52598 00329 51954 25938 72611
62506 27253 08378 51053 57337 72151 36424 25927 71567 81394
19894 30086 92325 09725 12664 35463 92986 14731 08797 90252
11537 09397 22950 15001 03216 30623 69397 97119 64207 10854
56258 09518 26088 46658 15788 46420 09721 81665 04126 13450
76965 18612 20330 29410 11698 55459 51055 42720 15216 67795
07497 08546 13630 95450 83752 04092 83293 00644

11157/12157/13557 kHz, 28-03/30-03, 0600/0620/0640 UTC

09039 00115 52515 29523 61200 25904 96651 94261 94375 43935
88418 47163 51907 40085 71925 04974 07100 20707 70702 61295
36520 72192 40369 44490 43919 14405 24950 33774 83631 56331
53079 16250 64619 78558 20060 91276 46200 01365 31826 55593
77464 61498 63011 35428 71510 24639 27605 54938 60526 26952
79368 75121 54268 08431 68204 46837 48149 12998 34221 08985
27510 97965 29772 94519 09491 04323 85018 67639 59497 35921
44639 39193 83831 89402 58694 39896 96046 01057 58265 74623
28236 92400 03325 43693 38948 46157 44290 20678 11200 39280
01387 26470 39653 49009 27075 36878 76890 73729 07423 80819
71610 66267 57541 52255 87112 49034 02601 47339 60834 88610
66041 92835 77516 38812 50621 70733 71004 23346

16261/15961/14861 kHz, 0910/0930/0950 UTC

16261/15961/14861 kHz, 02-03/03-03, 0910/0930/0950 UTC

00388 00114 96586 27995 73508 79877 81901 54460 00763 69338
98357 94500 32933 62558 44316 24376 98083 53897 28114 16147
34472 99851 76540 89059 65506 92168 49953 64329 78071 81331
90941 69988 82960 51822 13564 88736 83523 63027 02473 32823
50173 32726 21574 13620 30875 30977 95104 50199 61961 08253
23346 56061 25612 11867 65376 78498 22618 61757 98617 65773
73648 73674 03548 86648 38914 00161 49168 07887 43813 04881
24374 70847 38489 28116 27420 84005 29262 07753 24183 31345
12053 47129 17916 25677 13653 01300 02782 99995 62717 14443
21605 01709 28982 24125 41257 17626 19930 65094 69224 56305
90139 99546 08286 88152 81454 78067 06519 48067 88909 03024
78295 61068 43738 08711 81850 18257 45651

16261/15961/14861 kHz, 09-03, 0910/0930/0950 UTC

09932 00001 00000 36664

16261/15961/14861 kHz, 11-03, 0910/0930/0950 UTC

01650 00001 00000 34256

16261/15961/14861 kHz, 16-03, 0910/0930/0950 UTC

01706 00001 00000 37651

16261/15961/14861 kHz, 18-03, 0910/0930/0950 UTC

04998 00001 00000 41665

16261/15961/14861 kHz, 23-03/25-03/30-03, 0910/0930/0950 UTC

00284 00112 46949 02944 08939 87459 63618 48095 04769 16663
14907 85617 33413 52849 07706 38680 52335 95704 44632 83370
80496 45128 25587 90309 65944 82940 06655 41402 78716 94893
22114 08792 07706 93710 95988 91456 53697 61041 10582 07381
03608 21589 58379 36797 34411 86230 35053 38607 79919 46393
43142 20729 18517 12435 91841 43928 10029 71038 73638 97214
76322 98709 75265 07824 82944 91874 15311 82787 67943 09024
67556 43777 99458 14593 16799 81717 70850 91213 13630 41692
89449 69774 96046 71548 42632 40582 30366 81742 00298 59433
70364 40073 02356 47553 70010 80923 42256 13257 97141 83825
46642 81381 06786 03638 93478 24422 36210 58232 39117 79826
13947 51417 75081 37513 16276

13994/13494/12194 kHz, 1600/1620/1640 UTC

13994/13494/12194 kHz, 02-03, 1600/1620/1640 UTC**02-03, 1600 UTC: Off after a few seconds**

00231 00256 16369 75190 54724 12777 59518 41004 41213 22357
27054 49643 61911 04326 92413 99961 15547 84585 69425 30627
08933 21537 56944 30871 50560 56173 01823 08139 24509 44273
68900 45705 81020 57069 68893 48132 53937 12094 86943 85981
49902 39932 59499 67685 46097 84874 81903 44362 39167 03866
84759 09044 47686 02561 51093 09457 80219 92416 12656 04226
58705 96047 62730 24395 44633 05739 68384 88626 15448 59141
39831 79882 59079 81657 37870 58342 15267 16907 15599 18316
07311 58497 90413 59427 12587 69483 31958 18607 79413 18991
78626 82765 00985 15716 09111 66144 54573 64410 40087 45356
69888 32948 51249 58726 73394 79309 97526 12548 68408 05454
42564 00696 07968 84162 40633 21119 96406 02476 64404 59642
11008 04343 73501 04533 83323 98508 82089 02747 45672 90014
72593 75798 65946 25150 50949 88924 94921 75363 15917 76717
34688 16818 20470 89879 85470 68591 29572 43374 99886 56684
90550 09135 67719 17483 31300 16478 76956 07641 86590 95966
16659 68912 17898 98741 97261 87246 11687 59517 74926 79919
35165 95524 04423 50291 27319 80329 63043 57231 91314 34220
92513 36723 32417 16023 57572 86644 90154 78553 61549 96652
35144 03393 26311 24482 81016 79090 04021 29445 53755 61056
83125 86016 18097 80695 97572 68136 79998 68536 80220 42496
51510 49819 20853 85901 01126 01068 11528 28906 57734 15311
66751 57792 88429 68176 87080 29582 23770 91797 69747 70041
61323 23138 35331 03851 01798 62959 03207 72294 66982 02399
72181 71456 62529 85415 11134 24013 59370 02949 76385 05018
26121 10853 23454 44399 91311 00058 77543 14939 40205

13994/13494/12194 kHz, 07-03, 1600/1620/1640 UTC

04651 00001 00000 34661

13994/13494/12194 kHz, 09-03, 1600/1620/1640 UTC

02016 00001 00000 34253

13994/13494/12194 kHz, 14-03/16-03, 1600/1620/1640 UTC

00395 00207 37182 11035 51137 85017 40412 13568 17183 43044
15352 87608 70157 18611 75214 28448 38956 80879 70255 41644
54125 56753 63660 12713 35639 18477 97307 82383 61418 36707
82223 09043 01352 88438 65593 37104 88742 86386 94580 71130
21903 97032 49668 81555 61785 43368 66520 36196 05231 38604
84220 24257 05796 55836 61667 86075 29054 48084 68816 89454
41034 59545 51821 95359 44587 30314 76654 13225 18300 99871
06830 99159 69273 70462 94255 26529 66088 48390 60378 78500
59618 10645 54896 69395 34183 68172 66818 21130 57777 58877
16934 36444 48599 34169 16133 52986 57923 06575 83475 77182
39875 23218 42329 26013 23099 92230 61409 05513 56173 73994

96309 58356 96426 48117 19414 26485 75164 21029 50691 64832
55768 42949 02852 39951 11489 69728 06959 16592 53586 44791
51375 70552 07323 73692 10236 20013 11011 14833 38051 04457
23895 02706 98561 01619 45662 41679 65893 37716 47435 90391
03701 52575 11232 33452 94121 70642 24672 35412 69480 91137
90374 16676 22395 48992 98916 13809 35273 57829 11972 96334
62958 40931 11984 81842 60349 80182 29482 08205 71130 25615
95688 12577 18725 83737 58795 08421 03252 09548 64028 45198
36707 14955 61216 27103 61528 81711 83323 76759 35946 97303
60087 71572 99443 55200 06386 24663 31063 61019 71181 71547

13994/13494/12194 kHz, 21-03, 1600/1620/1640 UTC

03774 00001 00000 36662

13994/13494/12194 kHz, 23-03, 1600/1620/1640 UTC

05868 00001 00000 41263

13994/13494/12194 kHz, 28-03/30-03, 1600/1620/1640 UTC

00236 00285 97021 32910 08814 82277 92333 79245 59325 77303
28506 88004 67019 89681 81005 86870 02320 39114 22688 90852
71861 95547 55745 59441 91317 12420 27537 06257 67674 61702
86738 04339 38717 50618 94498 76935 81691 79212 84792 00488
75938 71727 51605 60539 63178 76190 25122 35869 58029 28379
64988 90891 20749 96152 03153 16542 15297 63898 70528 05080
69112 30254 55385 19993 22939 94052 74667 10693 15374 86573
44120 42247 19974 55247 49630 96680 84495 96183 51649 41872
46461 20660 70135 85579 45880 01133 18936 45530 29399 73190
75857 93806 50042 22249 94401 12352 14294 64037 92554 02910
68916 98813 42875 43346 40660 98075 44686 69376 46221 81960
40046 66809 14280 27502 33348 97935 51775 40206 87476 75993
69923 86872 23511 96744 33479 90093 65971 97580 81293 54659
17803 46263 67371 34766 14883 60183 72401 43601 65921 26425
00936 17400 58873 03897 67562 65630 87075 19870 60822 52159
55960 49248 09775 44855 76255 00881 28402 48849 76637 47074
12048 98575 34897 29576 57290 22872 31862 75738 49570 99476
16486 41186 99329 74950 19657 26320 36791 32391 30845 94707
19162 62347 94929 94328 21886 02638 97415 03946 06181 30613
27502 42132 09745 11557 90119 48664 21388 22426 03640 67096
97987 41721 65677 12187 45340 44923 86080 09519 01426 97778
45647 65501 20815 18733 55929 58153 79158 50430 23040 72721
58737 32937 96339 55475 44444 70089 59258 58371 88926 00055
69310 68363 52018 66635 98849 90061 37368 51194 42423 99290
94435 30116 84415 48874 07102 64140 85470 81809 22188 70952
92045 73521 44846 77651 10579 91049 62328 79647 16250 93903
28795 86130 42090 75021 97506 67255 59504 86784 87310 38391
78341 35406 09600 05184 93107 72084 79309 15400 54512 13823
78968 75896 80408 13432 93764 37178 13499 13653

15956/17456/18656 kHz, 0900/0920/0940 UTC

15956/17456/18656 kHz, 03-03/05-03/19-03, 0900/0920/0940 UTC

02497 00211 36912 69973 83315 67517 18588 79023 10502 50510
52676 16776 33887 78228 72148 23088 44381 72461 36772 76299
83334 23046 36613 67225 64174 78330 14397 47688 05280 98174
03373 82914 47050 13921 51581 31490 61812 76937 24917 37051
70107 44479 24962 44069 41895 30486 42575 05019 59052 62581
55295 60149 29443 45837 37829 62938 46478 16914 92086 30060
82663 67642 46629 31526 08874 53636 56844 55688 71665 40838
56886 11891 23807 47200 96047 56737 65371 26401 39416 87005
55709 32862 60151 40050 63782 57838 73254 53096 15676 14847
62586 65761 41902 95615 73748 34991 51339 47568 90525 20133
02459 42594 29074 77334 19619 71160 45767 46890 70635 78501
70376 74766 33589 60285 84898 06401 33937 64082 90973 68133

71027 86628 41526 31676 40164 54632 02942 51190 48602 23339
62221 40681 69180 32782 23427 62409 49329 91610 23131 10372
99851 77829 93378 07703 57445 37888 87847 89605 25015 59806
07043 83440 18382 57972 15849 59741 51694 55932 69019 08536
46320 44275 42070 32410 77037 54535 95759 97800 51059 82980
23659 26977 88665 64303 19018 63071 53817 53491 72792 40137
01055 39661 39586 18862 19756 33561 92447 35761 35232 12577
03628 06926 54364 82050 18357 34122 01225 12822 89955 23288
90883 07552 26039 75777 34407 59323 90273 52049 47933 25845
93127 01168 96306 53113

15956/17456/18656 kHz, 10-03/12-03, 0900/0920/0940 UTC

00109 00109 68293 77955 22191 38883 13707 36578 58663 68812
64173 57508 25244 28213 69553 09452 80628 33822 15221 78468
49122 49151 61925 60891 23503 19731 34290 21557 40039 78495
86600 24202 64730 72064 66723 26422 36955 72092 67472 77065
48573 88902 76537 94418 56558 76444 62685 92476 40264 00132
42882 31752 89991 30639 13927 27758 91061 69537 97629 15097
71820 35513 34719 88817 85763 08964 73327 28483 70369 44031
96862 29279 85907 87932 13145 66161 97542 92140 00282 56827
93678 98477 13409 73457 35370 09444 15003 74195 37902 40162
46448 34072 54180 60014 65607 84969 25453 80349 92779 07900
28773 89623 13020 53055 08177 42702 33735 69810 15891 16792
27813 53753

15956/17456/18656 kHz, 17-03, 0900/0920/0940 UTC

06793 00001 00000 36267

15956/17456/18656 kHz, 19-03, 0900/0920/0940 UTC

08326 00001 00000 35662

15956/17456/18656 kHz, 24-03/26-03, 0900/0920/0940 UTC

00215 00203 88710 11255 72117 57137 19460 91083 97322 34592
25568 53188 18893 81261 62667 11762 19434 43482 83593 36612
22445 24419 60944 69542 47788 87919 73854 32566 23850 94369
58418 55893 63015 74168 34267 54474 54842 90690 33335 20984
63486 80006 85231 98531 40540 91842 89071 54207 49546 66760
76325 68065 62129 02763 41573 90923 94205 17284 33827 63920
94519 87346 26102 33835 76972 34272 66349 03685 60634 25688
73369 68154 61413 12141 68021 64408 36657 59138 13091 54891
67343 08117 28732 40949 76771 75981 02971 33366 50776 69626
54041 13176 87315 70871 37675 90276 54469 85486 93192 52747
43776 64384 90507 14790 90313 81220 72328 77638 57871 85363
60761 89063 70151 86261 54443 09339 94011 08308 23144 38496
19228 65721 09414 59688 51086 71806 37334 34843 23002 64394
48489 80647 87380 40858 78111 00827 12229 19113 72357 34860
22412 00055 88372 93384 36646 67661 27585 68814 05058 06880
53154 76685 54834 19337 10439 35482 21418 00533 19047 57645
76026 89070 88278 82720 74906 86685 04079 18065 97910 84073
57518 72968 29067 10387 58225 83700 68505 71241 98259 93031
97957 13191 34757 44813 16049 74759 56136 56999 50473 82635
50741 52107 88749 94481 96078 76867 59895 96179 67242 25427
08460 36430 39903 47533 01890 30600

15956/17456/18656 kHz, 31-03, 0900/0920/0940 UTC

03081 00001 00000 31663

14639/13539/12139 kHz, 1100/1120/1140 UTC

14639/13539/12139 kHz, 03-03, 1100/1120/1140 UTC

09921 00053 06247 90938 01087 13353 36631 10392 37380 18170
69301 39440 39997 93062 36242 89512 12579 34588 84126 26741
34053 23810 18801 97119 68131 36934 97227 69029 45662 51143
14276 91548 32392 02270 22840 08868 87348 93346 38071 31064
94224 93408 48581 46264 78896 52121 50871 17685 09927 59290
95203 15738 62950 59398 65353 40062

14639/13539/12139 kHz, 07-03, 1100/1120/1140 UTC

06262 00001 00000 33264

14639/13539/12139 kHz, 10-03, 1100/1120/1140 UTC

04317 00001 00000 36255

14639/13539/12139 kHz, 14-03/17-03/21-03/24-03, 1100/1120/1140 UTC

00150 00171 91420 41527 56217 82701 25419 67714 79720 34296
97162 40778 79317 61730 69895 30167 32341 21264 91397 87255
69375 66230 54308 13005 41253 56256 27049 75537 96524 12397
60569 23798 79976 31242 06850 55778 51372 97282 10531 31732
33649 19133 15221 05377 13168 13273 81845 48909 53631 06291
09515 62572 87336 76977 64660 86059 30951 77334 82685 88124
37007 02715 06085 95894 10149 79867 13403 56066 65804 53442
43365 96717 86686 04178 97685 60369 57065 78484 84868 85157
08914 83073 85403 12418 06688 57253 03194 01819 84241 26609
60099 37162 94605 02737 59653 33268 28319 27058 71319 09934
96472 76213 15348 93224 98503 15666 55548 73028 03210 51121
29160 29320 20558 08266 94463 23164 03019 54293 68640 50157
63277 05086 18573 74401 72907 66365 45938 99938 10769 26528
44080 14876 97276 36043 07884 20971 75026 32225 11162 14501
21915 90667 59792 46250 60230 53736 83663 26330 13415 15061
03807 98753 34309 49040 41957 28956 70218 10430 50024 95468
93333 90817 94689 17162 35988 41749 47431 11041 92866 95180
46091 76283 28539 31607

14639/13539/12139 kHz, 28-03/31-03, 1100/1120/1140 UTC

09297 00116 42161 36950 85069 77557 45272 46798 81729 85674
75355 52308 02892 81292 79053 17874 35287 90659 56142 95300
49271 41915 75133 02045 05105 17920 01500 94855 36920 09624
47416 70497 71122 54358 26333 40652 26138 21787 48690 16044
30157 43470 97364 68704 37061 64654 69352 82416 99945 36419
24490 09091 57061 90951 33319 27393 12416 08696 83937 24583
32469 36915 64019 67287 90200 22744 33838 79182 92988 21613
48884 71038 16401 41531 55665 06620 84831 22808 57605 90766
06413 75091 12640 67190 32245 66305 20893 04095 23743 72140
03227 62118 59235 94105 93557 16957 47743 62071 71746 44479
58022 94177 34507 08459 26986 89940 58922 26834 73212 71605
24711 24059 29754 67939 24488 22726 39165 45348 71270

12163/10863/9363 kHz, 1600/1620/1640 UTC

12163/10863/9363 kHz, 04-03, 1600/1620/1640 UTC

06417 00195 46901 78815 88328 08119 65368 34356 08244 63639
57882 87984 74995 21101 57973 53700 01160 98090 14743 88612
58666 61744 89626 11865 91991 74388 63952 98624 98642 76006
69441 39393 76048 02746 74426 73972 59420 14534 97367 83627
66652 12580 91313 86856 29867 47702 24259 16646 30508 07718
19502 08276 33689 68289 85826 07606 55995 68249 40564 44587
44822 59316 54160 29032 54462 70657 24851 71807 97501 47410
34437 67477 07692 79016 14947 19527 81455 52524 39116 33109
12711 81196 27262 43196 94478 31221 97738 06773 42696 52585
14668 48698 39907 72019 89394 41020 77507 20515 70201 95557

08868 82812 53774 34533 33752 27556 53781 72073 31126 88370
03049 73144 15283 68234 28549 43858 94037 55127 50088 26619
09088 08786 27579 48297 19198 16158 78558 51305 95418 05898
27912 24715 30271 65949 46339 85896 57794 92872 44927 91307
37141 22858 26388 94971 11072 47889 83130 83101 77491 72332
58791 71401 61242 00201 00623 74663 47010 17192 09098 81641
85419 59817 03137 36260 37183 48128 15335 00241 53508 43670
49850 19653 57213 67560 25296 57606 82608 01136 89057 82167
70227 31609 91740 52630 43778 63117 10813 30750 74573 15436
09423 92871 16306 95940 48381 77778 88848 56247

12163/10863/9363 kHz, 06-03, 1600/1620/1640 UTC

09077 00001 00000 34670

12163/10863/9363 kHz, 11-03, 1600/1620/1640 UTC

06395 00001 00000 35267

12163/10863/9363 kHz, 13-03/18-03, 1600/1620/1640 UTC

09509 00228 85945 48679 00759 15338 89015 52190 79933 12668
58150 34277 85269 61493 11810 58863 00060 65851 77488 71750
56119 85937 85720 92104 48856 28882 09294 01783 87624 97278
57532 29652 11661 44377 18950 89766 56250 63849 09509 68130
10504 10955 97482 19859 24746 93327 05909 22691 27230 84751
29237 98272 56388 60793 30291 56922 98674 58083 41088 83270
75141 60736 41612 84357 41195 16283 05603 82376 68312 00203
79525 38037 86543 54890 01548 79299 47767 48079 92963 43841
84001 30104 49252 16016 85167 68653 73055 17754 24787 16661
68503 12227 16757 42829 15031 60105 87970 52660 94189 61290
65480 80271 87535 51042 49820 68393 26440 11124 59260 04646
11169 74127 25659 96465 92702 00662 94641 77829 15579 94554
18158 06236 50592 97621 52244 51185 32161 95467 70506 99612
41654 32652 33392 28091 72671 30530 72508 54590 22640 08971
37645 42256 32657 78487 81177 29871 56958 90236 46090 85382
67348 92804 49352 77155 87289 83354 72270 67010 36864 33239
10377 64319 38141 34592 21784 00580 20242 28392 27846 13942
56726 91075 91697 25443 92651 63390 33790 04050 13659 51892
71223 49057 99469 95341 51234 51274 37742 07669 73932 71662
12232 72434 96044 65579 54201 89160 91959 07203 57835 02956
30186 81394 78168 72809 00160 81856 47997 56259 51929 56202
92609 00908 06925 66070 58297 23543 51993 72013 93257 52464
70418 54053 73550 06462 64636 44269 26935 55943 59467 89104
77053

12163/10863/9363 kHz, 20-03, 1600/1620/1640 UTC

08816 00001 00000 40261

12163/10863/9363 kHz, 25-03, 1600/1620/1640 UTC

09471 00001 00000 33670

12163/10863/9363 kHz, 27-03, 1600/1620/1640 UTC

00320 00263 49202 23118 49227 79294 00437 56123 36924 02019
54130 77035 60591 45777 32069 30072 08550 53143 10520 72314
24580 98633 48664 86348 63418 39895 97832 65758 29124 30812
11267 27679 71939 36905 72123 15170 15079 10764 88798 09572
58028 87552 76832 89146 26168 74414 57788 69867 58051 96594
57959 91342 33590 40924 34505 44142 42417 78044 46699 87049
99662 64183 31314 40355 75358 44841 82466 07757 14199 03793
38599 64793 32055 30416 61864 26402 43668 28558 62108 58544
61935 98515 75028 28341 59237 65641 27588 50804 86951 05102
30503 29276 32453 41620 22411 39909 70455 23377 87542 68217
01876 62185 19900 82789 33190 98294 82908 35055 89656 40759
08859 00082 01497 29454 72056 04658 57422 52634 76630 69055
09899 91125 30190 64234 45812 04985 50272 46371 42786 27819

69748 90690 22914 95246 76734 54640 99171 46383 39001 14791
01356 28028 13450 11412 99231 26192 60564 59610 72873 94619
95860 60320 73317 71194 97480 89886 07883 49645 35201 67459
84250 67456 43102 57899 10653 73190 03632 01682 89545 92256
86351 69134 10865 39714 34938 88874 97699 78881 71990 22583
64479 17194 58384 01539 24765 31605 15224 70497 84087 94997
64191 75798 59602 58912 76974 73408 14472 90345 17245 28912
67412 33021 22267 73034 68677 02074 89291 54576 28163 22941
80499 17618 23087 79371 26947 62767 57703 23501 10539 38675
45232 79699 84575 51208 08341 16481 36112 04279 96287 23555
48665 60127 53185 76368 68675 06364 70298 19794 79505 32141
43737 63434 15848 79549 23195 44309 44581 42394 39797 75991
54294 06213 79814 48568 53537 68927 10338 65243 77765 52998
75646 00893 38597 36800 90410 40203

13384/13984/14984 kHz, 1200/1220/1240 UTC

13384/13984/14984 kHz, 05-03, 1200/1220/1240 UTC

07419 00001 00000 37660

13384/13984/14984 kHz, 07-03/12-03, 1200/1220/1240 UTC

08846 00201 72916 28746 06861 90989 35153 32181 13026 54331
53784 12960 19497 28758 77030 05963 27543 54292 08417 19386
83632 01827 47815 64600 71582 83627 38190 86244 09230 65370
98726 77666 24142 82520 02607 99106 17751 00493 18432 46664
45624 92586 84842 03718 30903 57921 12754 19446 35507 25458
50824 86879 86888 81998 02831 30104 00695 55282 25590 63565
10456 02385 11415 02571 04012 28911 66206 27880 73926 52182
77847 55649 89394 69590 33329 20016 12140 97661 17471 20972
10177 47227 56016 62494 21885 58782 46494 76206 54980 07260
57249 51829 57646 27563 51282 77388 22137 91437 40507 40705
04823 52408 42786 14366 22740 31042 83075 68043 35006 69311
69114 02276 54498 46824 85385 40733 42931 86897 41376 11737
20963 37059 31410 10991 27371 50603 85795 58574 26103 50052
47881 67155 02433 11406 82595 97582 73673 60247 71348 86084
72468 92421 86933 38812 22210 28081 03871 33325 57759 92270
07498 46443 66165 31838 14912 78124 29441 93667 65584 10979
02546 13652 87905 98973 67108 77785 10299 39778 45564 24974
42317 29940 51127 98242 80080 77698 45630 75227 21157 82461
51308 15113 06417 15731 80309 14885 48205 66600 96740 74634
06316 47416 92165 36027 77480 91108 67068 38257 78166 30003
01020 43158 53913 33426

13384/13984/14984 kHz, 14-03/19-03, 1200/1220/1240 UTC

00494 00103 67158 84659 99077 97363 54104 86739 78021 30730
16515 80743 29911 30509 19886 48700 11417 16711 85709 28267
98927 76248 42316 97585 85210 11814 02661 59933 01610 65186
78436 67088 05073 67291 76238 98713 89001 23785 89491 89946
35194 63421 23372 71235 57983 81051 79058 17976 49336 64430
35127 80120 49272 96559 51647 46561 38345 39387 45253 71030
83874 64560 80739 64199 40868 92690 29093 15426 57206 14044
22877 37163 91129 20559 78177 10420 19084 87219 71213 93812
86132 39928 83022 65779 11463 07664 46564 89449 43283 90855
35504 62832 60037 46049 23315 48416 36315 70681 20144 59791
41185 77767 26244 34589 13343 67442

13384/13984/14984 kHz, 21-03/26-03, 1200/1220/1240 UTC

07859 00133 57689 82856 34829 05830 65392 94809 91311 27372
78841 64497 72904 94300 16187 06346 35173 51319 26828 53662
72966 58828 39042 71486 55385 52594 92294 92704 46064 16779
84173 06629 92664 69384 07142 99381 75133 63493 63099 39378
94772 65496 87862 78734 21836 28682 49087 29169 89929 89787
12874 49140 39393 95210 53199 41560 91653 26543 52439 88437

96128 78821 49839 50972 52928 44022 50632 07533 97462 78991
39279 52782 69296 37410 66748 99900 75976 30365 84826 47469
52789 61616 92655 52849 52863 05304 01838 78391 25524 58958
28029 87377 88547 37113 61672 84186 63742 02688 81686 08544
71537 24001 95322 01032 06142 18864 43951 59204 45306 26128
32268 11441 99443 95279 11128 04245 97473 04599 87202 33177
22569 47626 71133 79070 64446 27466 81064 96779 22589 40097
73439 45536 68833 27534 39166 41564

13384/13984/14984 kHz, 28-03, 1200/1220/1240 UTC

00499 00167 02250 71390 48004 80106 25482 58843 22257 81782
11861 65922 17314 04920 67977 87359 54465 93816 73251 71420
32932 16814 87474 28248 00515 76870 82769 73384 33061 09974
55277 67167 06663 31949 86984 88642 80428 76576 63076 20818
66225 31308 73946 99275 85896 71758 97607 31689 47032 86217
49164 97641 10758 17259 36344 12429 72230 94320 14580 67305
16820 07707 32328 72329 21297 90749 73840 97269 25940 44677
23412 05658 90265 68760 45551 09430 24403 53251 93091 16897
14978 71974 70912 39426 79620 99433 51076 55994 66989 90419
92028 42598 30686 57459 31817 92141 74960 05975 59858 76532
65344 05991 20840 75616 47939 32365 34197 40067 95871 03851
55341 45099 80291 27956 38943 54266 87916 71960 87830 82086
44034 63614 46774 76272 29434 96930 42458 48815 56128 67247
59624 57838 71691 51052 65064 12886 71364 73018 08522 68307
23500 19525 39468 61870 60134 99433 38590 06100 60413 08422
47914 55481 63444 79353 29480 76599 09790 59204 66298 20376
71771 12810 68504 84783 91938 08054 96607 56106 25090 06052

Exercises/tests

20494/19181/17441/16259/15834/14574 kHz, 21-03, 1000/1010/1020/1030/1040/1050 UTC

00708 00283 59416 65685 62847 59679 72872 99711 79188 05292
52046 71738 63418 31697 77468 61956 07753 51314 71334 45995
98215 78360 61167 95883 17549 54023 11007 24505 78717 69665
96163 12729 37128 51194 50835 39472 57474 40475 06201 07422
48710 87809 28094 53384 47334 87815 65147 70275 62373 25265
63587 74471 19643 76617 50637 23691 24258 29360 25454 75846
69080 57205 48568 67161 72914 96090 74225 34342 56316 30877
94228 39941 96307 96205 24635 19851 87310 32931 34933 83346
77725 57977 41322 13194 67891 75297 76483 09154 52266 21611
51390 09808 05999 87591 12658 45229 68081 52483 11074 93267
46709 35705 46512 14184 63659 01819 12554 91098 94328 45842
42421 19108 16614 21072 04194 10364 42484 98333 09906 38186
34121 00480 15563 82775 37732 05131 28501 01164 83532 44367
00422 57701 58177 20543 71026 92417 61550 23375 24159 02759
49820 99152 23525 32664 96790 39535 74823 62241 31742 98905
76109 71917 93895 84298 00141 79361 40588 13825 53171 93794
45014 74691 87202 98913 46933 68332 41426 80330 66816 71041
03659 85687 81367 73943 95517 77875 58811 05827 33561 53239
32611 58482 06922 02157 24760 69991 35572 31706 10007 64331
32657 95005 58568 51109 84195 23694 16588 08002 71740 35421
43242 91794 58164 82687 61071 76682 69479 84168 91057 90191
08645 32525 24978 53366 40998 51492 65662 82026 58916 41271
56536 98760 27508 78250 33100 61823 38776 90392 95323 83929
68778 15430 80426 40739 64320 70962 21637 40995 45984 91059
75632 15460 16718 63052 30874 15481 69374 75215 85284 77708
50535 77881 51654 12070 00893 77937 37496 54927 97400 79732
47097 41507 97417 86688 72700 26895 80602 57411 38948 22321
12945 19084 83659 91482 01465 93328 03574 50150 56663 01458
18401 97296 86804 47903 80876 63546

16293/15872/14754/13392/11439/10358 kHz, 21-03, 1200/1210/1220/1230/1240/1250 UTC

00514 00273 67283 18375 15121 13957 95240 82237 27758 46035
83154 59652 07284 15785 86902 47647 52599 54705 86606 54807
98277 13020 72287 71399 67737 20936 99667 60727 13497 54839
41801 11904 14750 85500 73017 22751 71642 80656 50776 76999
98832 00738 93387 98321 79044 66350 63862 83322 83277 17806
92671 98385 37231 55768 65103 47373 98281 36052 09468 01951
59220 31537 25646 54328 85238 60512 37757 96077 11780 42093
67772 07834 36303 48077 93546 78433 30586 50036 17733 47645
61224 31204 23500 31548 47706 16211 01977 17342 37994 72739
31161 84262 79093 13728 68124 67768 99827 99368 74715 46063
34452 50914 07672 80814 10131 11960 07134 54392 80228 98996
38812 32031 40214 35327 37995 08851 31096 18901 23987 77085
35613 68961 54527 20242 46214 97117 37007 84860 38396 88704
75560 72573 87888 73549 71638 53246 19069 81490 59132 60419
42316 58175 40111 86299 59533 80212 58051 96993 99746 58013
98513 56978 55040 59592 27350 52178 00182 73826 26108 39340
52090 25017 25297 54112 20320 55267 59662 79280 22743 64133
88118 49795 72331 38569 52310 93993 03838 77588 81332 99320
78537 65008 19854 34954 63781 39981 09685 18552 17406 83789
49873 41724 75298 22992 48423 98712 01186 00951 01314 54524
63764 65534 64504 64327 13481 35388 42575 63440 44505 55368
01342 28941 02750 39847 20912 77436 72697 29043 74929 26901
67886 02115 54683 86887 38410 80620 07319 03836 07897 37190
68137 73787 95814 70493 58416 50436 09614 16031 65957 48740
23265 83961 78417 09773 19176 98941 72024 77056 86413 80786
51918 22495 94554 48179 28105 55938 90075 53941 42106 31969
08084 79963 62116 93799 18754 96141 36247 09137 53204 21937
04977 11434 08559 09735 91313 71307

15874/14383/13441/12158/11544/10394 kHz, 21-03, 1300/1310/1320/1330/1340/1350 UTC

00474 00253 33453 99721 03126 30043 22546 55510 55543 60435
27285 01256 09648 08097 43515 58699 25681 49685 32050 69062
80551 92130 15354 42724 11134 12009 57061 10072 28273 88416
31711 68119 61044 44742 31902 38395 28945 40845 28986 08839
31082 12797 75256 71580 46289 42141 50092 18013 13877 76418
82925 78197 90282 74235 90358 17511 88962 30744 26134 10050
24168 78434 93079 11558 66882 29917 07008 37274 46395 96442
94463 66246 88363 13986 48814 02822 54587 53362 74816 53753
67688 16213 37910 32488 79258 99658 65295 88796 80239 94612
28875 75099 10737 75051 55529 77959 42535 76438 27804 83852
44096 73688 06504 94479 10779 77580 38335 02568 40648 62755
38160 37308 07774 13153 69794 13292 59936 57621 38577 72996
20228 40129 04473 08409 46930 83017 84229 46751 45421 84736
87801 61810 10041 51179 40994 92621 35648 15213 27540 45915
73032 87951 34606 53569 09937 65480 42563 95220 36790 71475
09315 84666 23047 09967 00356 31939 50639 49315 58557 95220
71705 06841 64370 16752 15811 14776 89731 33689 81999 05845
38798 22683 58073 67057 80854 96911 56213 91749 06743 90152
35277 39159 53477 86943 49566 22414 95387 03440 00154 71964
31627 39614 05919 90507 51443 47028 03760 79113 17399 50054
75999 26193 58423 77211 98466 77447 37571 53878 17287 23162
78934 80322 41619 83708 39520 26683 46829 58123 40544 90089
96089 82622 24487 73414 91473 23081 15794 76020 32990 06676
56940 71246 51711 66449 13200 72563 66325 56396 63565 14774
31275 24832 56519 87556 02573 77559 24729 44663 08060 07466
39214 06437 48340 18315 41825 21524

13887/13372/12187/11021/10237/9307 kHz, 21-03, 1400/1410/1420/1430/1440/1450 UTC

00724 00284 95793 65368 31239 57820 60843 78942 02320 14490
03260 56596 32820 97365 75937 07028 03820 27138 03979 83011
30842 44989 76215 94627 26974 46149 76815 05305 88241 40819
47849 71097 82491 07165 30569 33560 38944 98427 95437 54320

69165 41145 35493 03942 23986 85294 90263 46390 76063 31497
14807 30297 89296 33758 39044 53243 71222 41180 33411 84090
93803 23462 97850 76071 11955 05825 13333 32280 17560 65814
13389 74352 65100 64416 54160 36258 57774 89446 98653 65463
11649 71675 11867 97462 69957 68524 82617 40287 63795 80984
81836 21072 95337 84693 85595 32008 58786 63245 20458 09326
33045 36983 91097 08570 52241 80914 48845 28222 04415 19587
23610 11537 26838 03535 25349 07089 84132 02634 02949 36025
83234 70110 30638 75408 76294 05846 46831 42795 00430 05562
82037 11383 11756 61324 58458 61984 50227 16469 39854 83964
82227 07450 01448 09474 97720 59919 32246 27057 42959 14463
99124 04911 08257 89085 39990 78139 04280 40995 87836 59380
24500 09126 23621 65443 79137 50524 84226 68180 48732 41620
94853 33234 94888 70355 74638 91702 43324 35793 35830 09955
48073 57563 15200 60634 22311 15338 92258 62688 50162 83834
92502 15852 04173 82714 33758 11693 87989 77127 04168 18323
55691 64921 98913 35386 10543 82177 28458 20062 27907 24934
65562 49262 43258 14330 24654 31470 42721 73723 38448 84425
80622 18929 35558 16040 86107 40266 86211 36509 93539 72856
24017 29547 16250 62335 50041 50719 21603 46149 30128 31922
58401 14502 11445 99226 01941 59768 30584 37581 91117 15678
38762 39096 27918 16602 24306 90769 93974 52850 37629 21936
59556 95793 31397 97263 88098 57104 71404 97305 05827 24750
49207 69671 13655 16248 24113 29715 10609 88327 91693 68265
51377 08174 71410 17567 22968 07176 75527

12173/11544/10351/9109 kHz, 21-03, 1500/1510/1520/1540 UTC

00679 00264 66210 02856 14402 20507 36024 96143 11093 56373
86561 54776 57519 95971 41324 03477 67868 60408 48387 46903
97558 72211 10099 78832 81886 67549 34437 91271 38297 48480
57674 88792 97718 65620 65119 08901 83644 58699 03341 50000
82183 06483 98774 51272 89629 21703 98892 61713 93760 16696
48382 95981 89353 10748 33133 41027 55748 14073 02995 90228
19112 06947 75605 22962 60908 14184 49746 63527 55606 46842
70502 19030 64102 77249 86787 14943 45756 44715 62211 04578
74454 02631 70605 17538 30092 54576 68165 01215 10407 66259
38294 74538 66964 99045 04476 65915 91072 85128 66929 47768
76809 84437 14378 46136 37858 45181 88328 33074 31847 12144
86305 98215 32518 31095 16392 19387 13733 24368 40820 15753
01283 12474 04444 95176 98300 07181 51746 90901 00527 06471
53994 17273 40568 86074 86155 93120 42475 21894 28177 94949
45732 92435 86069 16706 77022 04486 44636 85055 07445 58485
36881 65401 57570 49600 65246 93666 29622 75810 31930 21730
51478 84322 38749 51253 91507 55943 75351 05843 32687 43535
08201 46393 35884 75929 02810 64632 19583 93346 41800 73849
91345 89095 99071 49045 42754 83812 26133 06135 92387 51186
83385 64706 41973 37731 78696 18989 72954 82286 58061 73653
74878 97323 85919 22324 04875 97988 72341 34275 18048 09979
59312 25118 18436 51496 79672 14485 97193 89218 82083 33683
95011 52580 80268 46508 58208 48849 87656 47088 53400 70499
68697 02936 64182 13794 65612 23100 44952 90675 27721 12678
32452 12475 60821 24553 07941 88301 97416 19421 66928 18419
67048 62033 28456 96759 30236 47759 03215 26930 88098 81459
51916 54674 95543 95393 26350 40358 15774

12224/12182/11543/10977/10354/9982 kHz, 21-03, 1700/1710/1720/1730/1740/1750 UTC

00325 00262 78575 96359 68709 35798 16206 90004 09803 09815
08076 79359 16601 16515 85309 79669 37638 25538 07403 33792
33657 45979 72665 30228 50124 01275 31745 00063 75741 81749
31507 31416 32225 55115 39590 93716 93782 26672 85809 53585
29596 35597 94256 95393 98497 70505 58963 98828 71792 42339
90555 45628 29532 14617 17106 81572 47205 53409 41536 75371
96168 28487 30994 57487 80622 91748 27853 85522 68526 42690

90593 80948 10905 51366 91250 95367 74838 12824 76131 68471
28031 87993 37261 62614 23118 30944 00655 84520 32880 03524
42328 87848 88553 30712 26300 95208 94690 76366 16042 47347
96492 78229 34768 31555 67151 66985 22838 30673 84162 68359
31791 25985 09367 16485 24716 16424 73492 04826 81822 90591
04596 83529 50638 75436 67117 16597 11404 37424 68630 74535
35125 22324 27647 46585 91199 71810 60133 59152 04181 91155
18686 23237 14228 15302 54064 59370 69359 73371 17880 62900
38130 68030 20421 21620 72590 75158 30377 77052 93968 13678
45692 02222 16557 26743 41000 43909 48463 73357 45720 27486
45134 35687 73138 22810 83278 83898 68044 86020 27479 14448
09387 13456 07600 82789 51618 18487 39418 75162 52559 50471
86542 82205 39682 12523 20054 26013 13768 73990 43119 66638
25248 75999 11074 92995 73528 99968 69720 51280 14998 22469
37671 99958 85213 13868 79094 33636 64364 82011 61791 51867
84881 46738 53691 32664 83642 61088 14967 26549 15635 35888
25128 57355 36946 14019 67162 26389 03296 63672 43986 56264
85681 54406 83465 93980 77394 38207 64730 57381 18604 08237
17356 12648 62439 36069 20078 91253 45835 91179 30904 94300
47634 16667 09103 13170 07157

10977/10329/9203/8113/7834/7453 kHz, 21-03, 1800/1810/1820/1830/1840/1850 UTC

00391 00266 13480 31758 77757 96748 52198 05574 31335 08114
50024 35407 85897 92500 75015 64307 04593 52954 41595 73355
73117 99868 92327 40962 73955 60068 20749 62313 53264 27221
74638 44560 89286 94930 16737 30312 87840 83455 26605 50405
88910 07354 40442 00777 59378 40681 35253 08740 19811 12284
42729 85126 01541 87901 23366 61266 27736 08065 56480 93492
32262 19063 72554 23271 07256 59466 26233 95015 07427 21847
61682 59706 15391 00124 72011 23974 30990 09417 98043 43416
20590 31479 10963 15480 06055 92686 99802 24086 95715 98402
98615 60941 04610 21840 65611 59806 08556 03746 24575 48502
79906 42490 71970 29049 94488 19857 73788 18492 88748 05863
47102 25124 43813 33189 34111 07997 51222 91656 56247 50515
64969 96991 55248 30593 26524 71646 01841 11523 32731 94863
44682 98622 70531 37837 15250 09114 33002 54011 25205 36427
25592 82082 07589 49406 87724 62206 35932 78183 23190 59411
32358 48345 59018 47161 68673 45818 78093 12457 94628 33006
87704 45613 80268 69187 23692 12390 15740 91048 56228 82941
31223 41883 11611 32768 58792 61403 82976 92515 83106 39104
65355 54307 36755 82941 17510 26628 79456 29321 59541 15658
00683 99253 87019 32182 98626 11198 60147 73527 37883 88347
83838 23311 78266 85632 06909 20898 38610 31855 49400 44215
22927 14736 24438 81163 67088 12804 77646 08448 83493 95021
32688 41145 96799 48977 06775 23158 62581 41761 87088 16598
15341 65825 10659 70874 30359 36883 67167 08175 83500 81481
07755 02758 96998 38979 89125 95250 21072 90616 71695 23516
01793 15405 59255 76269 32811 72273 69099 04031 45651 88137
51922 83686 83769 58355 35955 75293 81897 40860 40706

20494/19181/17441/16259/15834/14574 kHz, 25-03, 1000/1010/1020/1030/1040/1050 UTC

08889 00001 00000 41671

18447/16104/15863/14706/13404/10921 kHz, 25-03, 1100/1110/1120/1130/1140/1150 UTC

00991 00271 51848 44867 45528 39273 03955 62581 85621 70521
05504 88010 78464 21391 28948 98200 34952 47906 71474 00088
67619 28025 95907 39949 42223 04207 98424 57860 97657 12300
10683 35478 73045 11661 51230 75642 71296 82680 02073 56296
05685 08285 78951 61077 84860 20404 03781 15346 09832 23566
46427 57972 93234 41039 17507 86548 95830 48415 45527 67487
02175 60349 92593 35930 66975 52330 01667 63073 34916 19683
18171 42310 46048 75916 04296 16814 55408 20943 40978 74539
50423 76110 74274 81965 66471 95419 61418 51270 68746 07139

55872 86713 21023 59198 79258 88011 14113 13689 84038 58500
06142 63294 06591 89982 22299 38872 93000 52797 70739 28029
69678 83148 75565 66586 61014 25906 57676 06222 10309 24082
63153 49525 34173 98804 03264 58911 74080 15031 10069 69660
36041 30508 69308 83371 38482 93668 61218 03666 00955 26970
36956 52212 04922 46227 57600 39930 23854 92742 80446 61630
54794 59843 63919 66372 28899 52244 22524 86819 03306 40349
07817 65709 26491 37760 07282 85734 49744 43447 29116 38392
73639 25089 18454 39056 92298 19018 91707 13341 83556 44273
48732 41758 35809 90382 95647 66623 67284 14472 06858 34557
30354 82356 74412 52058 56652 30064 11150 53746 90814 61632
04072 64820 11714 63916 25698 48506 10633 70324 15434 73668
32560 48188 88769 05377 59665 60341 01922 95028 99446 27833
29892 35803 44677 69530 44098 55202 92909 03099 37994 43769
32438 78906 83784 15576 39546 75144 27509 67612 13920 09153
87096 46061 27564 07697 39355 99336 73615 57544 97909 47289
23279 93446 43603 81318 32248 50351 16533 41826 12079 51861
24196 00783 90834 78279 62147 01542 41648 75572 34087 03729
70174 92625 95268 35053

16293/15872/14754/13392/11439/10358 kHz, 25-03, 1200/1210/1220/1230/1240/1250 UTC

00802 00289 31065 90470 66991 81373 90874 22126 68170 46848
25898 50769 83988 33323 68213 84187 23880 31888 25537 29287
13512 43750 18887 55075 14431 03930 91216 97766 94387 36662
78435 68291 04351 95718 87415 71657 36312 06969 04756 50778
79483 94378 52617 31220 26127 30840 63870 42573 62174 88672
48575 18200 95871 23913 15594 94378 44126 88118 59463 14451
48441 83636 65415 54603 42828 11853 50764 69607 52752 95208
67327 10160 64000 68879 57538 25208 68766 86483 57001 01745
16512 91045 68173 87342 93944 86427 07746 92646 66036 76262
37325 86164 36864 90614 51975 33677 23894 33487 21993 97397
69127 17672 50392 98920 55731 32045 59600 21522 57762 27073
18181 11813 97116 53389 73794 78118 61304 78889 13383 86506
83175 71144 30626 74079 65598 39855 12049 20546 56436 06015
45719 38282 83582 00234 78513 01138 68601 65946 38628 20515
04778 69679 27805 96565 50860 81321 95077 21915 78144 69679
55850 95069 46460 66122 77418 69323 95535 46478 60220 14447
97351 70773 02729 80006 92445 74206 24953 12018 39737 42022
03487 73894 28601 62287 50922 05071 44986 89176 74165 43721
10146 04157 23180 88742 61429 19278 77759 33525 48504 42267
55295 06944 11470 46597 43588 85385 96602 14708 74173 23809
87392 20416 42085 55458 98509 91755 46387 12679 00534 43228
79310 92392 03861 78203 28658 82154 69477 53288 98748 72826
60195 92721 60746 18195 46423 30171 64898 57517 35961 80287
80961 96951 80014 22861 43012 97714 28302 64278 88999 35719
62672 40732 28819 07088 89172 64029 39527 02678 56846 99709
64820 71856 99548 22648 71203 10602 67023 91310 93008 60454
73311 41899 64820 28219 09539 40216 06165 23818 73313 55805
78253 78926 49639 92177 90122 76303 91158 24528 33653 76024
23126 77935 04987 38046 56993 54695 06151 50991 54267 94770
96558 24514

15874/14383/13441/12158/11544/10394 kHz, 25-03, 1300/1310/1320/1330/1340/1350 UTC

00205 00287 67343 39608 84724 84293 70894 21597 08436 09600
94831 03145 62440 69491 13638 09463 88294 21474 90130 83939
15698 58551 08506 79507 54651 11220 69162 31308 46963 04072
88954 68177 35254 17883 65523 85911 61591 80515 59624 93422
25246 32725 18050 29246 01627 69274 50799 18138 53364 69122
91061 18069 30980 01169 47950 77071 78054 30178 27534 53553
47537 21454 38342 50436 00387 61615 31436 93671 25534 34119
58293 44651 05300 13972 23724 45033 10429 59502 56051 62423
05386 20048 93329 90015 17856 52208 20703 67557 49123 12861
51371 27810 98965 86393 24530 26615 34692 17090 98448 50565

59928 05069 61667 52934 15484 30154 11969 34311 56394 82762
31123 95084 94417 51074 09829 42436 13421 09729 83561 02129
61022 42929 71713 60207 54775 63209 21249 93107 70422 76325
99143 24365 00837 68214 38229 49548 90959 20707 50546 72156
83181 17849 28875 00334 61248 33752 28980 68138 51215 61786
68710 61798 79226 49979 19058 48082 16895 40883 41140 69941
72994 78226 70877 10372 40135 07552 48675 86947 58626 32478
56227 61633 02691 94118 41896 54871 82867 86409 70507 31617
90284 47251 12925 73912 20120 45822 47702 80023 13897 50359
01594 89979 89026 35997 73780 91245 31332 22853 80234 23624
91472 74685 77525 75704 06358 70447 55905 27504 86906 14077
66683 38894 60209 27463 90655 47296 20671 98172 39568 84813
49447 59128 56822 63499 35739 95067 08051 25295 97987 70231
49820 92047 09457 65310 01549 66962 92652 10852 05714 93300
16130 33323 32418 73836 66889 53409 32850 21248 86619 70527
64043 58235 99320 04916 61348 00792 58133 82315 48899 82308
31460 50563 51319 18091 80762 72449 76618 43427 86779 35708
02389 33843 36076 84135 73813 12969 25369 53815 05094 25011
83341 63157 04151 72471 56074 13971 52740 81842 11234 51572

13887/13372/12187/11021/10237/9307 kHz, 25-03, 1400/1410/1420/1430/1440/1450 UTC

00392 00298 76551 61852 69968 99488 46511 68071 26420 18616
86280 57078 14655 00334 71039 94656 13310 74716 88380 89870
15369 75880 01407 80557 63276 87231 05955 59723 15805 74202
73393 83600 93570 51852 83326 14218 45113 62026 23714 80190
55783 40122 40415 31433 21689 56178 12212 97379 61702 18560
65767 48988 79340 18396 68647 14657 60471 55638 08491 68291
25693 79386 02302 64525 52906 84720 31635 04444 51777 74364
22946 06534 31173 85951 29189 44138 41078 01275 49190 30048
24752 31141 54250 21492 72106 38175 44746 93444 90850 96588
25111 92689 59387 07891 86943 64507 62393 83526 66659 97989
28670 66784 46612 26359 72524 10453 94714 86587 26671 00426
33481 02338 51145 09464 60487 15704 05180 50994 53201 04121
15880 28500 45288 09349 09519 37476 73493 47387 74899 90320
11731 10686 53843 10353 35462 51629 24265 66171 41512 35458
97797 56005 03494 11187 48538 20249 96039 56380 96121 07571
24683 11405 54516 33098 57288 87327 44436 50198 41235 40968
76696 41705 47120 00240 21014 34933 87730 88572 42144 69024
48455 55543 91477 60722 24526 90668 34689 02185 23043 28378
52802 93295 48869 44687 38969 93083 16982 16669 69220 34448
71594 72113 62464 89938 88980 36765 49695 90945 85533 45681
44050 91790 15458 65414 79580 23655 80841 98095 83043 30946
81444 49157 55142 16949 84556 39156 23296 65406 06519 22512
61557 46981 57685 22275 61978 19353 13920 07712 05691 30757
00866 41866 52450 17484 45054 05065 11772 05255 89047 81199
55903 49226 91105 34629 64826 45586 93170 52748 12096 78093
34993 07648 93466 50490 07237 34868 54542 54130 75259 77330
64093 62629 58053 47041 19092 45630 61552 14606 38944 95625
97918 73079 15212 43431 01988 30553 98480 91364 83815 75710
60214 77135 77540 20303 29792 62820 72446 86333 20017 07412
71677 72388 48827 43071 66971 28612 88703 65679 62558 32743
34117

12173/11544/10351/9397/9109/8174 kHz, 25-03, 1500/1510/1520/1530/1540/1550 UTC

00720 00267 37209 05961 41643 49247 44676 02491 29626 50676
16163 05480 30818 81538 70958 45488 43485 73936 57687 21537
44298 06679 50506 06051 51273 94176 39104 91595 17240 41617
50022 22458 64805 59467 91009 89868 88091 29881 76918 68185
46948 40024 34860 84893 50640 21813 98914 18616 19648 27210
19159 30435 21884 44729 97731 64167 49711 97410 03253 00803
80020 42742 99860 34764 70519 55290 55039 48507 79081 05640
63155 74834 89737 38476 48796 80708 09794 24581 90258 81617
11875 75286 67744 91884 83657 35208 73636 90047 72614 13809

63868 85301 13199 31375 91317 67405 07112 45948 47935 31621
09059 49792 10240 31965 82990 21053 50295 07518 47927 34521
21063 70057 28157 08389 65780 02616 76841 30567 06045 56456
50625 63162 53989 60743 03719 94324 48151 69585 08832 77249
59025 13535 19818 72463 65892 24391 12939 48890 34123 09754
43612 91193 79613 90513 93450 23552 26847 85810 37953 37093
94615 18019 65561 01245 32319 23926 42612 70786 05613 71243
25630 70413 79744 39333 93384 75272 01494 96215 75658 17260
87913 82882 28792 64895 77286 37893 92573 22356 78383 88622
69213 05050 03852 92959 41238 83357 40566 00443 71855 39864
58138 57924 71575 08182 98521 22674 95711 58281 20195 66095
57035 73915 31185 13460 15360 86665 62629 15363 29138 19334
22494 94336 06369 04884 60727 14988 83222 37789 62993 56547
60497 24222 54447 74135 37087 40892 59511 88249 95454 17415
05193 90512 26306 59239 91635 82446 65631 08672 82117 32489
24126 98735 75155 69996 72401 60462 57654 23461 10325 30550
42521 99000 84009 98613 34274 69258 54868 32334 22463 70225
43417 99875 97524 35426 75361 00536 67003 10698 33585 24451

24381/23137/22875/21894/20752/19601 kHz, 28-03. 0800/0810/0820/0830/0840/0850 UTC

00341 00271 14838 13760 66840 81427 80293 15515 69826 13684
72388 90928 33526 01907 67613 77579 45589 57403 06222 33666
94618 05241 15134 77720 37866 94380 41919 98409 04992 55884
55352 15048 52347 05944 83730 97931 45544 88397 48914 70422
95445 18053 36634 96908 22060 03582 83611 81182 97763 71574
11430 74835 83134 09525 85079 44422 87841 78313 33734 66412
86315 50645 30516 04617 26381 58633 79294 14786 61950 37664
29240 23400 63307 38675 57850 17788 82981 87792 80789 27877
41818 41649 45512 43499 61657 49067 39014 73806 60397 34554
92870 24343 51065 55475 05433 58773 04418 00201 20361 49641
70804 38545 47503 07885 52362 01828 51365 96474 25756 54320
71786 46173 29359 34943 42142 05806 68510 43491 34641 21163
15886 40356 98117 43144 99930 96720 83164 19746 40831 42567
80713 15487 83058 66466 46680 81625 61051 76033 54877 19255
88902 13815 09220 72540 06130 98908 88177 82929 47872 52670
84844 16593 34736 18542 53346 27404 71100 40625 26985 99501
76255 51381 42545 22632 01289 93496 32387 19654 37801 00433
72280 53355 16428 18674 35189 33279 88158 00482 75192 62520
13789 11397 11557 35837 14856 73152 07978 50256 96500 50629
14248 64222 89867 31861 23268 48840 76861 55581 08038 98826
41006 71554 86815 11251 86941 43989 60576 56793 39943 30887
76318 82582 42757 81040 53217 86508 44011 06488 30869 12365
29481 43230 16508 91647 16157 44516 52846 49297 63086 65889
96994 58807 97065 98043 99670 75380 96717 92800 51127 83437
74340 09286 05007 30895 69947 87401 41912 42217 90040 01143
84570 85961 34261 85873 18716 69437 75063 06204 92504 48321
42412 07304 80593 74531 22823 82671 76222 51933 22156 87666
02919 23174 70687 30036

24427/23124/22886/21873/20458/19111 kHz, 28-03, 0900/0910/0920/0930/0940/0950 UTC

01511 00001 00000 34252

20494/19181/17441/16259/15834/14574 kHz, 28-03, 1000/1010/1020/1030/1040/1050 UTC

00878 00293 35365 28985 36357 55618 65417 63200 81413 44634
56528 78183 41231 70188 86887 12113 09273 90130 82375 69195
32745 88747 47952 58591 78880 63130 11169 82814 12655 02750
84178 44849 57445 35364 30350 42229 35521 79374 33418 48202
49106 80673 22645 01127 42520 05265 69104 43553 63541 17067
36927 23906 28926 30591 76581 16109 35682 99922 04491 83378
01040 71016 62803 62097 31270 31673 72329 15185 89765 75454
52304 88347 54288 39612 11248 43612 77127 49370 21709 46972
89333 40910 42219 83013 35809 93154 74994 83792 40166 09510
06838 20244 19373 02370 45089 34248 97943 15501 81341 46335

76805 45934 88854 39941 47252 32674 70880 28988 65252 02797
57911 04382 28297 79051 49064 84631 05698 01669 85066 73284
02173 56262 57061 62207 62363 89307 41880 83853 38933 15459
50208 88544 62298 38152 33763 72021 34811 49802 08416 05059
24826 23560 58321 14183 40132 58503 12428 86559 03196 14195
64114 22400 37538 24032 48693 19160 07656 70276 52545 37713
74760 87283 31790 60071 11376 23239 41022 69048 98343 44538
26001 60097 45888 11564 70591 37842 88957 71906 58073 40451
39881 10198 82679 65311 01409 89856 32329 99036 60028 32386
97340 15893 12525 58370 75954 00116 56087 69917 41104 44872
49589 47890 13637 52659 69105 53800 52492 60293 80915 04739
18275 47524 08784 89610 49720 69045 06518 79637 95042 92166
17634 10979 47063 43697 92330 89291 38374 39267 60932 25318
56187 84225 28066 63220 41921 93918 36005 77595 86914 89376
92014 46878 54131 57918 87371 81873 90249 15860 18709 44599
09187 18306 27049 51640 09307 09277 35982 98477 31808 38314
28198 16117 16532 68110 67966 80224 16135 54901 26306 76571
46207 49420 03965 54277 19197 94809 25509 43051 50790 87641
23799 54238 90427 48860 23761 11188 18386 88514 00771 55425
09949 86077 33446 06558 62720 36140

16293/15872/14754/13392/11439/10358 kHz, 28-03, 1200/1210/1220/1230/1240/1250 UTC

00691 00283 83352 68573 79651 00022 13244 98583 47132 30520
55884 01108 26645 50902 73749 98328 94827 54404 87490 81677
31592 28494 28818 77479 05964 08730 81555 89995 70451 98302
07976 71842 30096 02360 78412 01344 14609 02798 61471 69591
74705 22755 57300 94995 85483 64705 06437 67657 84232 87372
20533 20968 75795 93033 17417 33055 81073 00195 68960 27283
57030 46459 90310 64964 92086 37714 60229 10678 45595 64864
77534 36267 68313 88118 58270 36020 89076 95886 58991 52367
73788 94731 65959 78644 29352 69364 02442 42187 47479 98303
66925 80151 01180 31524 56779 45552 85327 43194 40677 36666
83058 08120 34623 48806 99689 50006 88994 45747 52891 93343
57506 97252 98161 45788 80421 70769 26661 03925 73118 60277
46554 43289 80550 22451 05431 59245 68995 51026 71036 67515
36656 81248 40732 00504 02284 95164 74192 01426 49632 63705
61464 04816 30590 09802 96240 15867 67007 59441 62262 33621
64776 08963 55120 60415 15396 63626 78541 10247 69716 01855
38570 00710 62795 69629 67038 17236 55173 83740 02141 42769
04668 58198 28454 10066 21218 36623 90635 08587 02857 28590
41196 82484 91869 21093 25296 03645 50718 79777 83637 93164
08657 99126 45039 83681 34325 88816 71994 74249 87402 33349
56351 65398 00968 25082 31283 50202 54420 08487 21258 78829
73515 43415 62273 66657 40100 28705 72014 19276 73231 98421
11344 61412 66467 42121 73990 18790 33484 69578 94049 08667
67104 72333 84518 21610 57441 22499 21114 61437 45239 59966
92552 92792 47430 73361 17236 04045 22820 05595 44412 60832
25345 19182 42239 19130 17417 62110 96713 69378 13660 11110
68431 51168 97082 75002 16449 80705 51903 01307 58789 32843
60098 04043 54003 77041 51027 39545 52379 40013 61972 17652
52327 50825 18687 21219 77814 04076

15874/14383/13441/12158/11544/10394 kHz, 28-03, 1300/1310/1320/1330/1340/1350 UTC

00905 00294 73421 30428 36588 96444 23046 61144 08669 95638
73762 83421 29606 32055 28088 50899 40166 96318 36921 02605
65086 93887 84537 28036 79871 59767 23833 99396 67439 80659
21238 76360 05214 56207 25060 94473 42174 10445 26796 05394
18676 71639 32525 73563 42745 68109 40531 66417 94052 00438
60659 91129 90544 26219 19493 02215 63722 44931 44118 98600
37247 76729 78062 53310 77994 67204 15211 81255 87734 64583
65402 68290 93677 16854 30861 09558 22377 50285 08246 41962
96949 67882 72718 69901 04903 57307 89928 53971 82467 70169
51942 56904 84803 73532 30293 80326 46602 70592 93822 43320

44745 49003 52749 27886 78502 01969 57111 98247 70467 75320
65453 69715 39308 71520 34318 63925 47662 92585 01184 86379
50026 12376 39461 52689 55679 23470 09129 36400 79722 06478
59584 03323 87676 38267 88671 57448 68684 03389 03162 03058
24890 73878 28837 90736 04367 46951 27866 20776 65597 14793
95797 70125 03356 50175 93069 59495 09921 60888 18416 22032
12943 55102 86265 14139 51393 09806 29074 79486 18859 56764
81647 09013 66030 95428 29277 62797 41267 12603 78359 58550
02471 98860 81138 54468 68380 35782 77187 27447 34995 57064
03973 18567 40043 00256 89085 29435 65141 48446 31763 24564
54496 13011 24211 99528 25792 61443 84789 10280 17234 98644
38282 97569 98582 86419 87727 52353 75909 01969 45581 21405
24455 60006 73931 39582 67825 21904 38390 31443 01892 15277
26589 56102 40962 99028 25042 48893 79131 72495 69418 92263
15984 75165 67265 59645 65072 31952 26261 10384 21848 87753
05816 65261 56532 05543 56792 56583 63322 68105 67668 65528
21218 47880 99335 12206 14597 79116 91390 41138 80295 73316
33467 86341 46720 86420 01927 11540 36942 66721 77623 13096
09006 13285 71847 76293 19202 25686 80579 45980 34964 68146
40054 16073 66327 65153 17480 70666 34705

13887/13372/12187/11021/10237/9307 kHz, 28-03, 1400/1410/1420/1430/1440/1450 UTC

00781 00288 29874 31288 40770 74346 63064 88933 83875 78677
21649 67063 52721 98226 51950 12913 97573 46577 07397 65565
86301 12147 48834 76996 33456 77073 56354 34462 24093 28949
06692 51843 32302 74291 31374 82514 98573 90338 15028 90966
76036 82944 36694 57663 70900 80184 72856 27115 70985 58173
24339 66038 80197 17121 85416 61144 99352 29560 66836 69914
76854 70162 55588 87574 12525 16150 61907 21704 28834 00947
83162 41503 09665 35515 79522 34284 17671 39272 15774 32170
45890 97949 98751 33952 33784 21879 13479 58771 50782 27251
93657 18947 79157 64056 45237 35851 59369 87998 68294 69216
86687 30274 60432 76569 94070 53291 32793 82495 74151 64876
04617 46981 08360 33504 51501 42553 04521 96518 13575 81558
29821 88503 11440 53050 68312 15852 27071 16212 11587 08169
51941 45709 29970 30739 81829 42531 34167 18556 59229 12873
91761 42646 10386 88398 54164 98538 24791 16543 91184 45361
39898 49021 57354 73364 12869 43319 35815 35816 15337 18547
11720 00294 16927 08201 14193 59597 57847 18605 23875 46057
36536 70785 05218 47445 21159 75448 89923 91580 10854 61791
61594 24038 16397 16078 21643 13602 68432 63971 51199 57873
90908 55153 87912 21070 77353 19748 44873 69346 12332 71077
36175 26377 57678 49275 27509 43936 98074 73110 96661 35648
78314 60081 86007 67931 08166 61995 87548 05938 63202 36585
66237 97657 41122 11527 08544 75042 05049 24169 29453 42070
20314 80880 47126 81639 69824 13900 54230 02990 16265 57194
35674 21062 40785 94716 62738 07278 41056 08598 81275 09415
19928 18394 49378 20124 09838 50977 03127 42875 14553 98483
07264 21632 18613 17103 01363 63209 75047 31475 35454 38322
16352 84538 88644 57240 03359 46729 79077 02518 85186 59008
66922 83867 26231 97874 31061 41593 56733 00859 74946 23776
34600

12173/11544/10351/9397/9109/8174 kHz, 28-03, 1500/1510/1520/1530/1540/1550 UTC

00573 00277 01316 83461 29383 22095 31667 58981 57515 51187
44380 69870 49561 95631 04556 53228 00211 97851 59186 52805
94767 98715 27699 37342 16126 02790 24168 53631 00698 83282
78373 33597 71812 75904 01032 10148 60863 40435 18664 81570
24231 67052 22110 72188 71652 25483 94435 27446 70802 97457
50783 08609 03212 77758 97610 62523 50907 97505 31356 37784
19968 83586 82474 04132 92704 83157 95672 51229 61737 06616
96365 82820 41017 26658 81836 85333 17097 31023 32025 40664
49127 77006 39588 71134 16415 61681 79689 16719 51059 46138

38223 85971 60189 42797 13038 95820 99298 86440 56003 59165
19267 98833 27761 67100 78281 43003 04269 06628 97018 89386
77057 36453 68803 84071 91921 97102 49135 23686 32091 19079
38677 58848 54338 67441 48207 71909 97408 63460 34201 99715
45555 56590 48848 70241 22747 05198 73855 42852 07465 55823
86292 18085 94612 00384 52711 48182 47959 10924 61003 61344
52988 68077 37261 14010 90038 31785 35636 18173 30151 99491
11144 41604 41124 80899 32286 99528 47873 23282 02138 28903
80497 98275 55319 62382 47969 11904 10580 42804 31537 48041
94089 01805 89224 40505 43248 32594 30475 69699 24856 48292
43987 51605 85851 74477 44512 95774 49570 00619 43631 76238
94527 97867 04851 89151 78283 17105 32384 04390 22938 04022
74721 11786 25804 71000 45158 48992 67977 95073 86438 73891
94918 12246 22869 46035 20271 70860 10983 27796 63500 68843
03548 81200 04545 22927 79168 85265 82429 84595 05785 27148
38666 11950 39542 80247 87066 11206 03782 95768 65992 10267
15770 58995 09899 91722 22661 28145 18634 56076 15717 77092
02034 89167 76543 12444 30951 65583 58125 88385 65409 40276
42559 93517 34222 84285 39687 85957 62719 32635 52102 43135

XPB1

14621 kHz, 01-03/04-03/08-03/11-03/15-03/18-03/22-03/25-03/29-03, 1200 UTC
13921 kHz, 01-03/04-03/08-03/11-03/15-03/18-03/22-03/25-03/29-03, 1210 UTC
13421 kHz, 01-03/04-03/08-03/11-03/15-03/18-03/22-03/25-03/29-03, 1220 UTC
12121 kHz, 01-03/04-03/08-03/11-03/15-03/18-03/22-03/25-03/29-03, 1230 UTC
11121 kHz, 01-03/04-03/08-03/11-03/15-03/18-03/22-03/25-03/29-03, 1240 UTC
10421 kHz, 01-03/04-03/08-03/11-03/15-03/18-03/22-03/25-03/29-03, 1250 UTC

20072 kHz, 03-03/07-03/10-03/14-03/17-03/21-03/24-03/28-03/31-03, 1300 UTC
19572 kHz, 03-03/07-03/10-03/14-03/17-03/21-03/24-03/28-03/31-03, 1310 UTC
18372 kHz, 03-03/07-03/10-03/14-03/17-03/21-03/24-03/28-03/31-03, 1320 UTC
17472 kHz, 03-03/07-03/10-03/14-03/17-03/21-03/24-03/28-03/31-03, 1330 UTC
16272 kHz, 03-03/07-03/10-03/14-03/17-03/21-03/24-03/28-03/31-03, 1340 UTC
14972 kHz, 03-03/07-03/10-03/14-03/17-03/21-03/24-03/28-03/31-03, 1350 UTC

18253 kHz, 04-03/06-03/11-03/13-03/18-03/20-03/25-03/27-03, 1100 UTC
17453 kHz, 04-03/06-03/11-03/13-03/18-03/20-03/25-03/27-03, 1110 UTC
15953 kHz, 04-03/06-03/11-03/13-03/18-03/20-03/25-03/27-03, 1120 UTC
14953 kHz, 04-03/06-03/11-03/13-03/18-03/20-03/25-03/27-03, 1130 UTC
14353 kHz, 04-03/06-03/11-03/13-03/18-03/20-03/25-03/27-03, 1140 UTC
13553 kHz, 04-03/06-03/11-03/13-03/18-03/20-03/25-03/27-03, 1150 UTC

13562 kHz, 06-03/07-03/13-03/14-03/20-03/21-03/27-03/28-03, 0600 UTC
14362 kHz, 06-03/07-03/13-03/14-03/20-03/21-03/27-03/28-03, 0610 UTC
14862 kHz, 06-03/07-03/13-03/14-03/20-03/21-03/27-03/28-03, 0620 UTC
15962 kHz, 06-03/07-03/13-03/14-03/20-03/21-03/27-03/28-03, 0630 UTC
16262 kHz, 06-03/07-03/13-03/14-03/20-03/21-03/27-03/28-03, 0640 UTC
17462 kHz, 06-03/07-03/13-03/14-03/20-03/21-03/27-03/28-03, 0650 UTC

Exercises/tests

10256/12158/13439/14712 Khz, 21-03, 0910/0920/0930/0940 UTC.

DIPLOMATIC STATIONS

Diplomatic stations: Bulgaria

17440 kHz, 01-03, 1328 UTC, RFSM MFA Sofia wkg unid embassy
 17442 kHz, 01-03, 1357 UTC, RFSM MFA Sofia wkg unid embassy
 17440 kHz, 02-03, 0940 UTC, RFSM MFA Sofia wkg unid embassy. QSX 17464 kHz
 17464 kHz, 02-03, 0940 UTC, RFSM Unid Bulgarian embassy wkg MFA Sofia. QSX 17440 kHz
 17440 kHz, 06-03, 1327 UTC, RFSM MFA Sofia wkg unid embassy
 17442 kHz, 06-03, 1358 UTC, RFSM MFA Sofia wkg unid embassy
 17440 kHz, 07-03, 1326 UTC, RFSM MFA Sofia wkg unid embassy. QSX 17464 kHz
 17464 kHz, 07-03, 1326 UTC, RFSM Unid Bulgarian embassy wkg MFA Sofia. QSX 17440 kHz
 17442 kHz, 07-03, 1358 UTC, RFSM MFA Sofia wkg unid embassy. QSX 17461 kHz
 17461 kHz, 07-03, 1358 UTC, RFSM Unid Bulgarian embassy wkg MFA Sofia. QSX 17442 kHz
 17440 kHz, 08-03, 1323 UTC, RFSM MFA Sofia wkg unid embassy. QSX 17464 kHz
 17464 kHz, 08-03, 1323 UTC, RFSM Unid Bulgarian embassy wkg MFA Sofia. QSX 17440 kHz
 17442 kHz, 08-03, 1358 UTC, RFSM MFA Sofia wkg unid embassy
 17440 kHz, 09-03, 1327 UTC, RFSM MFA Sofia wkg unid embassy
 17442 kHz, 09-03, 1359 UTC, RFSM MFA Sofia wkg unid embassy
 17440 kHz, 10-03, 1327 UTC, RFSM MFA Sofia wkg unid embassy. QSX 17464 kHz
 17464 kHz, 10-03, 1327 UTC, RFSM Unid Bulgarian embassy wkg MFA Sofia. QSX 17440 kHz
 17442 kHz, 10-03, 1358 UTC, RFSM MFA Sofia wkg unid embassy
 17440 kHz, 13-03, 1329 UTC, RFSM MFA Sofia wkg unid embassy. QSX 17464 kHz
 17464 kHz, 13-03, 1329 UTC, RFSM Unid Bulgarian embassy wkg MFA Sofia. QSX 17440 kHz
 17442 kHz, 13-03, 1358 UTC, RFSM MFA Sofia wkg unid embassy
 17442 kHz, 14-03, 1100 UTC, RFSM MFA Sofia wkg unid embassy
 17440 kHz, 14-03, 1326 UTC, RFSM MFA Sofia wkg unid embassy. QSX 17460 kHz
 17460 kHz, 14-03, 1326 UTC, RFSM Unid Bulgarian embassy wkg MFA Sofia. QSX 17440 kHz
 17442 kHz, 15-03, 1125 UTC, RFSM MFA Sofia wkg unid embassy
 17440 kHz, 15-03, 1328 UTC, RFSM MFA Sofia wkg unid embassy. QSX 17450 kHz
 17450 kHz, 15-03, 1328 UTC, RFSM Unid Bulgarian embassy wkg MFA Sofia. QSX 17440 kHz
 17442 kHz, 15-03, 1357 UTC, RFSM MFA Sofia wkg unid embassy
 14770 kHz, 16-03, 0928 UTC, RFSM MFA Sofia wkg unid embassy
 17440 kHz, 16-03, 1327 UTC, RFSM MFA Sofia wkg unid embassy. QSX 17450 kHz
 17450 kHz, 16-03, 1327 UTC, RFSM Unid Bulgarian embassy wkg MFA Sofia. QSX 17440 kHz
 17442 kHz, 16-03, 1359 UTC, RFSM MFA Sofia wkg unid embassy
 17440 kHz, 17-03, 1327 UTC, RFSM MFA Sofia wkg unid embassy. QSX 17464 kHz
 17464 kHz, 17-03, 1327 UTC, RFSM Unid Bulgarian embassy wkg MFA Sofia. QSX 17440 kHz
 17442 kHz, 17-03, 1356 UTC, RFSM MFA Sofia wkg unid embassy
 17440 kHz, 20-03, 1329 UTC, RFSM MFA Sofia wkg unid embassy. QSX 17448 kHz
 17448 kHz, 20-03, 1329 UTC, RFSM Unid Bulgarian embassy wkg MFA Sofia. QSX 17440 kHz
 17442 kHz, 20-03, 1358 UTC, RFSM MFA Sofia wkg unid embassy
 17440 kHz, 21-03, 1327 UTC, RFSM MFA Sofia wkg unid embassy
 17442 kHz, 21-03, 1357 UTC, RFSM MFA Sofia wkg unid embassy
 17440 kHz, 22-03, 1328 UTC, RFSM MFA Sofia wkg unid embassy
 17442 kHz, 22-03, 1358 UTC, RFSM MFA Sofia wkg unid embassy
 17440 kHz, 23-03, 1327 UTC, RFSM MFA Sofia wkg unid embassy
 17442 kHz, 23-03, 1357 UTC, RFSM MFA Sofia wkg unid embassy
 12100 kHz, 27-03, 0956 UTC, RFSM Bulagrian diplo. QSX 12124 kHz. Changed to summer time
 12124 kHz, 27-03, 0956 UTC, RFSM Bulagrian diplo. QSX 12100 kHz
 17440 kHz, 27-03, 1225 UTC, RFSM MFA Sofia wkg unid embassy
 17442 kHz, 27-03, 1258 UTC, RFSM MFA Sofia wkg unid embassy
 17440 kHz, 28-03, 1225 UTC, RFSM MFA Sofia wkg unid embassy
 17442 kHz, 28-03, 1257 UTC, RFSM MFA Sofia wkg unid embassy
 17440 kHz, 29-03, 1226 UTC, RFSM MFA Sofia wkg unid embassy
 17442 kHz, 29-03, 1257 UTC, RFSM MFA Sofia wkg unid embassy
 17440 kHz, 30-03, 1227 UTC, RFSM MFA Sofia wkg unid embassy
 17442 kHz, 30-03, 1315 UTC, RFSM MFA Sofia wkg unid embassy
 17440 kHz, 31-03, 1227 UTC, RFSM MFA Sofia wkg unid embassy
 17442 kHz, 31-03, 1258 UTC, RFSM MFA Sofia wkg unid embassy

Diplomatic stations: Egypt

18450 kHz, 14-03, 0830 UTC, SITOR-A 100/170	MFA Cairo message to OOVF: Egyptian embassy Pyongyang
17415 kHz, 20-03, 1400 UTC, SITOR-A 100/170	MFA Cairo clg KKVA: Egyptian embassy Lagos
17415 kHz, 20-03, 1403 UTC, CODAN-3012	MFA Cairo message to 33309: Egyptian embassy Lagos

Diplomatic stations: North Korea

16870 kHz, 02-03, 0845 UTC
12201 kHz, 02-03, 0846 UTC
16870 kHz, 03-03, 0836 UTC
20010 kHz, 03-03, 1311 UTC
12201 kHz, 07-03, 0500 UTC
16870 kHz, 07-03, 0833 UTC
16252 kHz, 09-03, 1304 UTC
20100 kHz, 10-03, 1258 UTC
12100 kHz, 13-03, 0842 UTC
16252 kHz, 16-03, 1300 UTC
16252 kHz, 17-03, 0830 UTC
16870 kHz, 17-03, 0830 UTC
20003 kHz, 17-03, 0838 UTC
16675 kHz, 21-03, 0855 UTC
11047 kHz, 21-03, 1224 UTC
16252 kHz, 21-03, 1230 UTC
13300 kHz, 21-03, 1238 UTC
16252 kHz, 23-03, 1255 UTC
12400 kHz, 23-03, 1300 UTC. QSX 12403 kHz
12403 kHz, 23-03, 1300 UTC. QSX 12400 kHz
16870 kHz, 27-03, 0837 UTC
16252 kHz, 30-03, 1210 UTC

Diplomatic stations: Russia

14631 kHz, 01-03, 0919 UTC, MFSK-6	MFA Moscow clg 362154: Russian embassy Athens
14636 kHz, 01-03, 0925 UTC, MFSK-66	Russian diplo
14653 kHz, 01-03, 1113 UTC, Serdolik v2	Russian diplo. Serdolik selcal
13979 kHz, 01-03, 1125 UTC, MFSK-6	MFA Moscow clg 215346: Russian Consulate General Mumbai
17445 kHz, 01-03, 1308 UTC, OFDM	Russian diplo
14653 kHz, 01-03, 1053 UTC, Serdolik v2	Russian diplo
12207 kHz, 01-03, 1137 UTC, MFSK-6	MFA Moscow clg 215346: Russian Consulate General Mumbai
18575 kHz, 02-03, 0748 UTC, MFSK-6	MFA Moscow clg 352416: Russian embassy Dar es Salaam
17534 kHz, 02-03, 0801 UTC, MFSK-6	MFA Moscow clg 351264: Russian embassy Abu Dhabi
16277 kHz, 02-03, 1329 UTC, MFSK-6	MFA Moscow clg 436512: Russian embassy Harare
12194 kHz, 03-03, 1022 UTC, MFSK-6	MFA Moscow clg 625413: Russian embassy Tel Aviv
14824 kHz, 03-03, 1031 UTC, MFSK-6	MFA Moscow clg 625413: Russian embassy Tel Aviv
13556 kHz, 03-03, 0920 UTC, MFSK-6	MFA Moscow clg 324615: Russian embassy Madrid
13491 kHz, 05-03, 0648 UTC, MFSK-66	Russian diplo
14595 kHz, 05-03, 0654 UTC, MFSK-6	MFA Moscow clg 452163: Russian embassy Kabul
12160 kHz, 05-03, 0700 UTC, MFSK-66	Russian diplo
13452 kHz, 06-03, 0754 UTC, MFSK-6	MFA Moscow clg 165324: Russian embassy Vienna
11638 kHz, 06-03, 0800 UTC, MFSK-6	MFA Moscow clg 165324: Russian embassy Vienna
14377 kHz, 06-03, 0836 UTC, MFSK-6	MFA Moscow clg 432516: Russian embassy Bern
13395 kHz, 06-03, 0905 UTC, MFSK-6	MFA Moscow clg 532614: Russian embassy Paris
18750 kHz, 06-03, 0925 UTC, MFSK-6	MFA Moscow clg 641523: Russian embassy Lusaka
11638 kHz, 06-03, 0804 UTC, MFSK-6	MFA Moscow clg 165324: Russian embassy Vienna
15989 kHz, 07-03, 0823 UTC, MFSK-6	MFA Moscow clg 125643: Russian embassy Ulanbatar
16190 kHz, 07-03, 0830 UTC, MFSK-66	Russian diplo.
17421 kHz, 07-03, 0927 UTC, MFSK-6	MFA Moscow clg 246531: Russian embassy Accra
15687 kHz, 07-03, 0929 UTC, MFSK-6	MFA Moscow clg 154263: Russian embassy Rome
13401 kHz, 07-03, 0942 UTC, MFSK-6	MFA Moscow clg 154263: Russian embassy Rome
13401 kHz, 07-03, 1021 UTC, MFSK-6	MFA Moscow clg 154263: Russian embassy Rome

15687 kHz, 07-03, 1132 UTC, MFSK-6	MFA Moscow clg 154263: Russian embassy Rome
14358 kHz, 07-03, 1136 UTC, MFSK-6	MFA Moscow clg 154263: Russian embassy Rome
17419 kHz, 07-03, 1143 UTC, Serdolik v2	Russian diplo
17454 kHz, 07-03, 1149 UTC, MFSK-6	MFA Moscow clg 325614: Russian embassy Nairobi
13401 kHz, 07-03, 0919 UTC, MFSK-66	Russian diplo
14550 kHz, 09-03, 0912 UTC, MFSK-6	MFA Moscow clg 153624: Russian embassy Damascus
14784 kHz, 09-03, 1620 UTC, MFSK-66	Russian diplo
12193 kHz, 10-03, 0902 UTC, Serdolik v2	Russian diplo
12193 kHz, 10-03, 0916 UTC, Serdolik v2	Russian diplo
12177 kHz, 10-03, 0940 UTC, MFSK-6	MFA Moscow clg 356412: Russian embassy Berlin
10410 kHz, 10-03, 0948 UTC, MFSK-66	Russian diplo
17475 kHz, 13-03, 0821 UTC, MFSK-6	MFA Moscow clg 156234: Russian embassy Kampala
10470 kHz, 13-03, 0905 UTC, MFSK-66	Russian diplo
11424 kHz, 13-03, 0936 UTC, MFSK-6	MFA Moscow clg 421635: Russian embassy Oslo
13425 kHz, 13-03, 1006 UTC, MFSK-66	Russian diplo
16257 kHz, 14-03, 0823 UTC, MFSK-6	MFA Moscow clg 542136: Russian embassy Beijing
17470 kHz, 14-03, 1013 UTC, MFSK-6	MFA Moscow clg 412356: Russian embassy Budapest
11545 kHz, 14-03, 0759 UTC, MFSK-6	MFA Moscow 534216: Russian embassy Baghdad
16317 kHz, 14-03, 0922 UTC, MFSK-6	MFA Moscow 612534: Russian embassy Ashgabat
17470 kHz, 14-03, 1013 UTC, MFSK-6	MFA Moscow 216354: Russian Consulate General Chennai
14405 kHz, 15-03, 0749 UTC, MFSK-6	MFA Moscow clg 256341: Russian embassy Beirut
9173 kHz, 15-03, 1749 UTC, MFSK-6	MFA Moscow clg 542136: Russian embassy Beijing
17444 kHz, 15-03, 1050 UTC, Serdolik v2	Russian diplo
16115 kHz, 15-03, 1120 UTC, MFSK-6	MFA Moscow clg 215346: Russian Consulate General Mumbai
14650 kHz, 15-03, 1059 UTC, Serdolik v2	Russian diplo
14650 kHz, 15-03, 1103 UTC, Serdolik v2	Russian diplo
17440 kHz, 15-03, 1106 UTC, Serdolik v2	Russian diplo
14650 kHz, 15-03, 1108 UTC, Serdolik v2	Russian diplo
17440 kHz, 15-03, 1113 UTC, Serdolik v2	Russian diplo
14650 kHz, 15-03, 1114 UTC, Serdolik v2	Russian diplo
17440 kHz, 15-03, 1115 UTC, Serdolik v2	Russian diplo
16313 kHz, 16-03, 0804 UTC, Serdolik v2	Russian diplo
18197 kHz, 16-03, 0927 UTC, MFSK-6	MFA Moscow clg 645321: Russian Consulate General Ho Chi Minh City
17448 kHz, 16-03, 0917 UTC, MFSK-66	Russian diplo
13452 kHz, 20-03, 0759 UTC, MFSK-6	MFA Moscow clg 165324: Russian embassy Vienna
14377 kHz, 20-03, 0854 UTC, MFSK-6	MFA Moscow clg 432516: Russian embassy Bern
12122 kHz, 20-03, 0856 UTC, MFSK-66	Russian diplo
20675 kHz, 20-03, 0932 UTC, MFSK-6	MFA Moscow clg 641523: Russian embassy Lusaka
13411 kHz, 21-03, 0852 UTC, MFSK-6	MFA Moscow clg 165423: Russian embassy Brussels
8005 kHz, 21-03, 0930 UTC, MFSK-66	Russian diplo
14358 kHz, 21-03, 0945 UTC, MFSK-6	MFA Moscow clg 154263: Russian embassy Rome
16188 kHz, 21-03, 1145 UTC, MFSK-6	MFA Moscow clg 325614: Russian embassy Nairobi
17419 kHz, 21-03, 1147 UTC, Serdolik v2	Russian diplo
12203 kHz, 21-03, 1437 UTC, MFSK-66	Russian diplo
15945 kHz, 21-03, 0935 UTC, MFSK-66	Russian diplo
15687 kHz, 21-03, 0939 UTC, MFSK-6	MFA Moscow clg 154263: Russian embassy Rome
18177 kHz, 22-03, 0755 UTC, MFSK-6	MFA Moscow clg 164253: Russian embassy Addis Ababa
11154 kHz, 22-03, 0859 UTC, Serdolik v2	Russian diplo
14812 kHz, 22-03, 0907 UTC, MFSK-6	MFA Moscow clg 263145: Russian embassy Prague
12188 kHz, 22-03, 0907 UTC, Serdolik v2	Russian diplo
20950 kHz, 22-03, 0733 UTC, MFSK-6	MFA Moscow clg 435621: Russian embassy Maputo
13854 kHz, 23-03, 0758 UTC, MFSK-6	MFA Moscow clg 521634: Russian embassy Bucharest
13843 kHz, 23-03, 0823 UTC, MFSK-6	MFA Moscow clg 153624: Russian embassy Damascus
12177 kHz, 24-03, 0930 UTC, MFSK-6	MFA Moscow clg 356412: Russian embassy Berlin
19611 kHz, 24-03, 1003 UTC, MFSK-6	MFA Moscow clg 256134: Russian embassy Abidjan
17475 kHz, 27-03, 0833 UTC, MFSK-6	MFA Moscow clg 156234: Russian embassy Kampala
17466 kHz, 27-03, 0841 UTC, Serdolik v2	Russian diplo. Idling
17466 kHz, 27-03, 0850 UTC, Serdolik v2	Russian diplo.
16117 kHz, 27-03, 0928 UTC, MFSK-6	MFA Moscow clg 463125: Russian embassy Rabat
19235 kHz, 27-03, 0941 UTC, MFSK-6	MFA Moscow clg 463125: Russian embassy Rabat
19273 kHz, 27-03, 0949 UTC, Serdolik v2	Russian diplo.
17475 kHz, 27-03, 0838 UTC, MFSK-6	MFA Moscow clg 156234: Russian embassy Kampala
17466 kHz, 27-03, 0853 UTC, Serdolik v2	Russian dipl

10452 kHz, 27-03, 1256 UTC, MFSK-6	MFA Moscow clg 364152: Russian embassy New Delhi
16103 kHz, 28-03, 1335 UTC, OFDM-45	MFA Moscow wkg Russian embassy Havana. QSX 14930 kHz
14930 kHz, 28-03, 1335 UTC, OFDM-45	Russian embassy Havana wkg MFA Moscow. QSX 16103 kHz
13420 kHz, 28-03, 0807 UTC, MFSK-6	MFA Moscow clg 534216: Russian embassy Baghdad
13515 kHz, 28-03, 0817 UTC, Serdolik v2	Russian diplo
14941 kHz, 28-03, 0834 UTC, Serdolik v2	Russian diplo

Diplomatic stations: Tunesia

14700 kHz, 07-03, 1128 UTC, Mil-STD-188-141A/USB	STAT154: MFA Tunis clg STAT1: Tunisian embassy Paris
16125 kHz, 29-03, 0616 UTC, Mil-STD-188-141A/USB	STAT11: Unid Tunisian embassy clg STAT155: MFA Tunis

Diplomatic stations: U.S.A.

10733.6 kHz, 16-03, 0833 UTC, Mil-STD-188-141A	KXV45: US embassy, Rome clg KWA80: US Consulate General Florence
10733.6 kHz, 16-03, 0843 UTC, Mil-STD-188-141A	WNG767: US embassy Pristina, Kosovo clg KWX57: US embassy Warsaw,
10733.6 kHz, 16-03, 0843 UTC, Mil-STD-188-141A	KWX57: US embassy Warsaw clg WNG767: US embassy Pristina, Kosovo
10733.6 kHz, 16-03, 0845 UTC, Mil-STD-188-141A	KXV45: US embassy, Rome clg KXV46: US Consulate General Marseille
10733.6 kHz, 16-03, 0846 UTC, Mil-STD-188-141A	KXV46: US Consulate General Marseille clg KXV45: US embassy, Rome
10733.6 kHz, 16-03, 1039 UTC, Mil-STD-188-141A	KWX90: US embassy Dublin clg KWT94: US embassy Paris
10733.6 kHz, 16-03, 1039 UTC, Mil-STD-188-141A	KWT94: US embassy Paris clg KWX90: US embassy Dublin,
10733.6 kHz, 16-03, 1059 UTC, Mil-STD-188-141A	KWX90: US embassy Dublin clg KJB33: US Mission to NATO, Brussels
10733.6 kHz, 16-03, 1324 UTC, Mil-STD-188-141A	KJB33: US Mission to NATO, Brussels clg KWX90: US embassy Dublin,
10733.6 kHz, 16-03, 1324 UTC, Mil-STD-188-141A	KWT93: US Consulate Frankfurt clg KXV54: US embassy Riga
10733.6 kHz, 16-03, 1324 UTC, Mil-STD-188-141A	KXV54: US embassy Riga clg KWT93: US Consulate Frankfurt
10733.6 kHz, 16-03, 1330 UTC, Mil-STD-188-141A	KWT93: US Consulate Frankfurt clg KWT91: US embassy Berlin
10733.6 kHz, 16-03, 1330 UTC, Mil-STD-188-141A	KWT91: US embassy Berlin clg KWT93: US Consulate Frankfurt
10733.6 kHz, 16-03, 1351 UTC, Mil-STD-188-141A	KWT93: US embassy Berlin clg KWT96: Unid DoS station
10733.6 kHz, 16-03, 1358 UTC, Mil-STD-188-141A	KWT96: Unid DoS station clg KWT93: US Consulate Frankfurt followed by voice radio checks
10733.6 kHz, 16-03, 1400 UTC, Mil-STD-188-141A	KWT93: US Consulate Frankfurt clg KWT92: unid DoS station
10733.6 kHz, 16-03, 1400 UTC, Mil-STD-188-141A	KWT92: Unid DoS station clg KWT93: US Consulate Frankfurt
10733.6 kHz, 23-09, 0945 UTC, Mil-STD-188-141A	KWS78: US embassy Bratislava clg KWX57: US embassy Warsaw
10733.6 kHz, 23-09, 0954 UTC, Mil-STD-188-141A	KWX57: US embassy Warsaw clg KWX59: US embassy Vienna
10733.6 kHz, 23-09, 1007 UTC, Mil-STD-188-141A	KWX90: US embassy Dublin clg KWT93: US Consulate General Belfast

CLANDESTINE / TARGETED RADIO & JAMMERS

Target: North Korea

4450 kHz, 02-03, 1303 UTC, AM	Voice of the People program in Korean jammed by North Korea
4450 kHz, 02-03, 1303 UTC, AM	North Korea jamming the Voice of the People
4450 kHz, 07-03, 1203 UTC, AM	Voice of the People program in Korean jammed by North Korea
4450 kHz, 07-03, 1203 UTC, AM	North Korea jamming the Voice of the People

Note: the Voice of the People is operated by the National Intelligence Service, Seoul

Target: Turkey

11580 kHz, 02-03, 1311 UTC, AM	Radio Dengê Welat. Program in Kurdish
11580 kHz, 02-03, 1311 UTC, AM	Radio Recyp Erdogan jamming Radio Dengê Welat

Russian-Ukrainian war

10450-10460 kHz are popular Russian pirate/outbender frequencies. Lately also often used for the Russian-Ukrainian radio war.

10460 kHz, 01-03, 1522 UTC, USB	Ukrainian station. Anti Russia propaganda and insults
10465 kHz, 01-03, 1710 UTC, USB	Ukrainian station. Anti Russia propaganda. Switched to 10460 kHz
10460 kHz, 01-03, 1713 UTC, USB	Ukrainian station. Anti Russia propaganda and insults
10465 kHz, 01-03, 1717 UTC, USB	Russian propaganda and music. News relay
10455 kHz, 02-03, 1037 UTC, USB	Russian and Ukrainian outbanders yelling at each other. Russian propaganda
10460 kHz, 02-03, 1040 UTC, USB	Russian propaganda
10465 kHz, 03-03, 1730 UTC, USB	Russian propaganda / news relay
7050 kHz, 04-03, 1549 UTC, LSB	Russians and Ukrainians yelling and cursing

7060 kHz, 04-03, 1549 UTC, LSB	Russians and Ukrainians yelling and cursing
7055 kHz, 04-03, 1549 UTC, LSB	Loop transmission
7050 kHz, 08-03, 1732 UTC, LSB	Loop transmission
7055 kHz, 08-03, 1732 UTC, LSB	Music and discussions
7060 kHz, 08-03, 1732 UTC, LSB	Yelling and insults. Many stations on top of each other
10455 kHz, 08-03, 1734 UTC, USB	Loop transmission. Later Russian outbanders. Jammed by a strong Ukrainian station insulting the Russians
10460 kHz, 08-03, 1736 UTC, USB	Anti Ukraine propaganda. Jammed by a strong Ukrainian station insulting the Russians
10460 kHz, 09-03, 1815 UTC, USB	Ukrainian radio program relays
10460 kHz, 11-03, 1557 UTC, USB	Russian propaganda and a Ukrainian station insulting Putin and Russia
10455 kHz, 11-03, 1557 UTC, USB	Russian propaganda and a Ukrainian station insulting Putin and Russia

UTILITY ROUND-UP

North Korean military

All logged py JPL.

3749 kHz, 20-03, 1948 UTC, CW, i.p.

VVV DE 4ICXK DE 4XNUJ QRU
7477 7477 SK SK T T

3735 kHz, 20-03, 1958 UTC, CW, i.p.

VVV 4TFWZ DE 4... QTC 693 693
NR 51..1 6 201 0320 044. 86 86 =
..138 92702 57611 19327 20..3 4..88 84074 06349 61857 52504 7037.
.009 9.57. .648. ...
61360 66948 32635 80382 56709 07588 73365 29133 30698 32931 13377
0.976 68019 51473 32098 42818 141..8 .9385. 53752 281.. 4.... ...
40103 77570 38239 4..41 6600. 75511 79439 16267 23267 85202 42783
54253 04335 85389 58934 31088 00378 44.18 62781 62104 79228 98406
42361 82385 72871 62265 67773 55649 69258 270.. 8.556 64.7. 23.36
18649 08.67 98707 26234 40600 .6602 33680 ..29 65333 36534 44350
23553 17206 84511 72210 00151 23602 30845 2.7..56686 932..
38.. 77885 00084 9..04 23051 04881 17159 71961 84590 74913 51416
08419 7983. 64761 87243 88059 09242 06197 44719 23275 46287 40856
.8586 79981 43602 53441 64766 87834 75996 94034 84073 29422 230.4
11..3 47603 32338 08943 68680 83986 8864. 333.95 34122 70293 57.37
50.. 99586 32834 66363 13306 98775 17540 914652 ..312 K
ABV ABV ABV NR ... 404 0344 0440 87 86 =
04A3D NU7TU 576AA AN3U7 UTANU 3A5DD D4..4 T633N 7AN57 5U5T4
7T37N AATTN N3577 N64DN ...

4543 kHz, 23-03, 1203 UTC, CW, i.p.

19537 25804 52735 42156 32022 94163 84600 57349 89289
25527 36995 3995, 838 42394 49493 86053 28697 76434
03998 28103 06657 62438 82406 62388 78862 57449 92398
98826 23807 90373 23504 09859 72865 97087 69335 46644
20940 44225 29022 22622 82644 32233 55364 89706 63730
95599 98827 48827 72247 25703 27452 83424 97744 78238
56270 60543 90726 52250 29540 02827 57833 24306 62682
00836 33267 06200 K ABV ABV
QTC QTC NR 49 05 262 94 95 =
06445 56450 44D45 43U.. 4T6T5 U748 43T5A 4TAD5 64NTD ...

3757 kHz, 26-03, 1615 UTC, CW, i.p.

Chirpy sound and drifting. Kept repeating callup and message

VVV 6NV30 DE 63DVC =
33 938 264 216 073 430 77
33 938 264 216 073 430 77
33 938 264 216 073 430 77
SK SK T T

Chinese military

8073 kHz, 23-03, 1159 UTC, USB, Chinese voice. Translated by VSh.

Data sending, please copy.

Telegram count 0765, Group count 322

35 35 0324 3557 8952...

424 376 319 377 012 773 354 374 603 993
446 474 437 019 480 485 017 773 357 373
407 993 414 380 001 934 001 984 005 339
938 403 993 435 006 387 480 486 418 773
357 373 407 993 434 380 001 934 001 984
005 480 483 019 773 423 773 357 073 418
993 445 387 480 486 120 773 756 357 173
403 993 865 382 480 486 758 483 020 773
754 021 773 357 373 418 993 435 466 380
007 480 486 022 773 356 018 993 445 387
??? Sent

480 486 024 773 025 773 026 773 027 773
352 407 993 484 380 001 934 001 984 405
480 486 029 934 033 773 352 417 993 434
180 001 934 020 001 984 005 480 486 328
012 773 354 374 403 993 546 474 438 383
339 938 403 993 436 474 438 384 480 485
017 073 354 174 403 993 435 474 938 380
002 340 938 403 993 446 474 538 389 480
485 018 773 354 174 403 993 445 474 438
082 942 938 003 993 435 074 438 080 002
480
??? Sent

485 019 773 354 374 403 993 445 474 438
482 480 485 020 773 354 374 403 993 435
474 138 380 002 480 485 025 773 357 373
403 993 445 385 342 938 403 993 435 666
380 002 480 486 880 718 445 380 401 934
002 329 012 773 354 374 403 993 447 474
938 880 603 486 485 017 773 354 374 403
993 436 474 437 384 480 485 018 773 354
374 403 993 006 474 437 383 480 485 019
773 354 374 403 993 435 474 337 380 002
??? Sent

480 485 024 773 025 773 357 373 403 993
446 467 384 480 486 880 718 445 380 001
934 002 174

Transmission complete see you next time

There are 324 groups instead of 322

Unid stations

Both transmissions were reported by Subilo. The sequence was the same.

11073 kHz, 28-02, 0521 UTC 11 rising tones

11073 kHz, 02-03, 0516 UTC 11 rising tones

EMERGENCY ACTION MESSAGES & FOXTROT MESSAGES

Frequencies: 4724, 8992, 11175, 15016 kHz.

Date	UTC	Callsign	Details
03-03	2203	Outboard	30 chr EAM for Barbell 4DPZYK OFWJMFSD7QIVP7XQ5WL4ZYG
03-03	2215	Outboard	30 chr EAM for Barbell 4DWEI7 KI3ZHMPXUUM67FHZWMDNW7BD
03-03	2302	Outboard	30 chr EAM for Vile 4DSP5K 6JSAIVOXSDU25H56ESLXOEXC
03-03	2322	Outboard	30 chr EAM for Vile 4DWIV4 23JCDKT7JQQKOE5OHDBB2HO2
04-03	0013	Nominee	30 chr EAM for Lane 4D3GSF JA775DXPV3QOQ2WXX46GKEEM
04-03	0022	Nominee	30 chr EAM for Lane 4D3BHZ KTWE4XSJ75GO5YPAQTYBUYSZ
04-03	0138	Nominee	53 chr EAM 4DT2PD F64QA34JNUNRREJVD7PIBP5LL7P7P4O72ZDAHCSZ7PBP4N
04-03	0201	Nominee	30 chr EAM 4D2RI4 OZCOKWQSO2QDGG6BPMIF24D4F
04-03	0206	Nominee	30 chr EAM 4D362K TEVMJ5KV72G46LEOAAH67S46
04-03	0221	Nominee	30 chr EAM FHJFFI SEDDJPOSY7ORXS57PRUAJES5
04-03	0224	Nominee	30 chr EAM FHAPGY HWO7C2DDRHYC3HCF5BKGHOWP
04-03	0238	Nominee	30 chr EAM 4DOZOW I5UNTSFBTPRKYVBVOVABFGXZ
04-03	0242	Nominee	30 chr EAM FHOZNL XUV3CCABNB7DXPBJRUPKTVLS
04-03	0500	Nominee	30 chr EAM FHO3O4 ANYYT5O3DHHW2ODVLORANXBE
04-03	0503	Nominee	30 chr EAM FH7F2C EOA4J3UVNQXDB3IAYWZ4DFAR
04-03	0511	Nominee	30 chr EAM FHM5LV TCQCLUW4KQKEPWDIUUZ457J3
04-03	0529	Nominee	30 chr EAM FHM5LV TCQCLUW4KQKEPWDIUUZ457J3
04-03	0534	Nominee	30 chr EAM FH2REC QGNDBDZCJG2BX3UCYHKNCFYJ
04-03	0537	Nominee	30 chr EAM FHYFRF SBXAYJBKL2PYGD63EEOSHPDR
04-03	0540	Nominee	30 chr EAM FH7F2C EOA4J3UVNQXDB3IAYWZ4DFAR
04-03	0543	Nominee	30 chr EAM FHO3O4 ANYYT5O3DHHW2ODVLORANXBE
04-03	0655	Nominee	30 chr EAM 4DDEWE V6Z3MDK3QY4K2TJLZML6Q6QE
04-03	0700	Nominee	30 chr EAM 4DDEWE V6Z3MDK3QY4K2TJLZML6Q6QE
04-03	0707	Nominee	30 chr EAM D2PT6S K5R7CLFWARKRUIX4KR2LYDF4
04-03	0710	Nominee	30 chr EAM D2PT6S K5R7CLFWARKRUIX4KR2LYDF4
04-03	1304	Nominee	30 chr EAM for Sinning? D2ZJ75 O56RHI7JE3HAHJKSVAIHSFP3
04-03	1403	Nominee	30 chr EAM for Barbell D2T44A S2OVFCQHNTQOHULQRP3NP2AI
04-03	1505	Nominee	30 chr EAM for Bell-19 D2GDNG PF2H3BEVEJLIEMMYG5VL5LK5
05-03	1459	Blue Eyes	30 chr EAM FHKT7Q DY7RUGTMABLRH35KSZLB47WA
05-03	1517	Blue Eyes	30 chr EAM for Oreo, for Blitz, for Auger Shaft D2BCYG AGNAQGPQV6AETMLOEN2I46I4
05-03	1533	Blue Eyes	30 chr EAM for Glore, for Other Shaft D22FGN XEJNGHI2ORXOVREF3FXOV56
06-03	1857	Optimist	30 chr EAM FHCLJR EDIUUBK3KSP454L23QTISQUY
06-03	1917	Optimist	34 chr EAM D2UVSC MCBN74ATRL6ZXYNQKFOZEZDUKE6L
07-03	1522	Delicate	30 chr EAM FHKL3A 7XKHVRIF6N4AWZY7NSA7X4XW
07-03	1525	Delicate	30 chr EAM FHTZKK RBO5KX2E2TPQ6OBFEYSQO6WA
07-03	1533	Delicate	30 chr EAM FHZ5ER YF2PJMWTS4EUE2VVKR4Y3OLCP
07-03	1538	Delicate	30 chr EAM FHZ5ER YF2PJMWTS4EUE2VVKR4Y3OLCP
07-03	1540	Delicate	30 chr EAM FHTZKK RBO5KX2E2TPQ6OBFEYSQO6WA
07-03	1542	Delicate	30 chr EAM FHKL3A 7XKHVRIF6N4AWZY7NSA7X4XW
07-03	1601	Delicate	30 chr EAM FHZ5ER YF2PJMWTS4EUE2VVKR4Y3OLCP
07-03	1603	Delicate	30 chr EAM FHTZKK RBO5KX2E2TPQ6OBFEYSQO6WA
07-03	1605	Delicate	30 chr EAM FHKL3A 7XKHVRIF6N4AWZY7NSA7X4XW
07-03	1630	Delicate	30 chr EAM FHZ5ER YF2PJMWTS4EUE2VVKR4Y3OLCP
07-03	1633	Delicate	30 chr EAM FHTZKK RBO5KX2E2TPQ6OBFEYSQO6WA
07-03	1636	Delicate	30 chr EAM FH4SZR BXHCDFIDWWGWP3M7NBCJXWHY7
07-03	1639	Delicate	30 chr EAM D267WA 4JH453BCA6KJW5BUDHJ4HQY2
07-03	1648	Delicate	30 chr EAM FHEYFE SNVJSHTCDUUBEVKZLWOJ7GW6
07-03	1650	Delicate	30 chr EAM FHNZMI IWSQP6P2ABO4IXN3BUNSAEBD
07-03	1706	Delicate	55 chr EAM D24V3B F6JBYMQ3LNB7IZBGTIZG7LUNNLOJTYRNTHWPWLOGAYP53G7GY
07-03	1743	Delicate	30 chr EAM FHABVE Q6ZITIBFMBXLGXMWY4RKI4WD
07-03	1933	Delicate	30 chr EAM FHLQUI YSACRXX5G6JSR7GN54R6M4AF
07-03	2102	Delicate	30 chr EAM FHFXTT VJVVG4CLJB2FBWISNFSADR2P
07-03	2317	Delicate	34 chr EAM D2QEYK KAHHWB5V3YY7YBPDYKZZV7RIT73X
08-03	1607	Chinaware	39 chr EAM D27OB2 RCUB37VF7SP2TSAIIMH3F7C4RTOPEKRR3 (operator says 33 characters)
08-03	1614	Chinaware	39 chr EAM D27OB2 RCUB37VF7SP2TSAIIMH3F7C4RTOPEKRR3
08-03	1633	Chinaware	30 chr EAM for Telex D2KP3F R534IEVCN6AY75WA73FIJNQ6
08-03	1732	Chinaware	30 chr EAM for Telex D2GMBP CEIEOVA4MEERVN5AF3QXXYIG

08-03	1737	Chinaware	30 chr EAM for Telex D2GMBP CEIEOVA4MEERVN5AF3QXXYIG
08-03	1746	Chinaware	30 chr EAM for Telex D2DGZV HYI4N76GTIQBNAEQ2E2PFWQ
08-03	1815	Chinaware	34 chr EAM D2UOTY TZ3JGUZI73R5HQIIFDPVSFSSGZUZ
08-03	1818	Chinaware	34 chr EAM D2UOTY TZ3JGUZI73R5HQIIFDPVSFSSGZUZ
08-03	2232	Chinaware	30 chr EAM FHKURL 7FP2H2HB3THCMKEJMCH6372W
09-03	1424	Waterhole	30 chr EAM for Append D2FQTC TGYNTAAZLSJYU4PJ6MQZVRGI
09-03	1434	Waterhole	30 chr EAM for Append D274GH ZI6PQCGOFQJEIZKYPHIT2SP7
09-03	1603	Waterhole	30 chr EAM D2SQLF 7MSNEFS73DICE436GINVLWDZ
09-03	1640	Waterhole	30 chr EAM FHWEJA TUAXKWBZBZNABJSYYI4VWYAK
09-03	1644	Waterhole	30 chr EAM FH75XU LVVWK3ABP6CSYZ3FOJ4S6I2X
09-03	1703	Waterhole	30 chr EAM D2VEHB FFJHL43RKBB5FPFJO6TJFTJ7
09-03	1713	Waterhole	30 chr EAM FHSKN4 XUCDAFBEGKCXPS43EIDFRCW2
09-03	1728	Waterhole	30 chr EAM FHDBCF XH3FSIBPEQVVAS63OWAN3QTZ
09-03	1917	Waterhole	30 chr EAM FH67J4 INZZJNKMA BLQU4KVDYJMBLPY
09-03	1928	Waterhole	30 chr EAM FHMWHK RLRUWYQJGJGKUMHDXRHXURYV
09-03	1933	Waterhole	30 chr EAM FHMWHK RLRUWYQJGJGKUMHDXRHXURYV
09-03	1935	Waterhole	30 chr EAM FH67J4 INZZJNKMA BLQU4KVDYJMBLPY
09-03	2000	Waterhole	30 chr EAM FHFVHV N6W3NCKCVBAU4KL7ZY5CYDTB
09-03	2003	Waterhole	30 chr EAM FHFVHV N6W3NCKCVBAU4KL7ZY5CYDTB
09-03	2006	Waterhole	30 chr EAM FHXBTV 3LTG45SQGHFS7LKRQBO5XDHF
09-03	2008	Waterhole	30 chr EAM FHJ7L3 CLV6JAWVFHFPGYSF5PUGJNYP
09-03	2011	Waterhole	30 chr EAM FHXBTV 3LTG45SQGHFS7LKRQBO5XDHF
09-03	2014	Waterhole	30 chr EAM FHJ7L3 CLV6JAWVFHFPGYSF5PUGJNYP
09-03	2017	Waterhole	30 chr EAM FHMWKG RLRUWYQJGJGKUMHDXRHXURYV
09-03	2025	Waterhole	30 chr EAM FHFVHV N6W3NCKCVBAU4KL7ZY5CYDTB
09-03	2030	Waterhole	30 chr EAM FH45TY RSTMOLYKXPX3NR3XLZ6ID2NF3
09-03	2035	Waterhole	30 chr EAM FHT64T Z7XSRXEEBYI36E7GF4NCHR4O
09-03	2038	Waterhole	30 chr EAM FHCJGU ZXSDSLBCU3A62YLRDPINBAKX
09-03	2041	Waterhole	30 chr EAM FH45TY RSTMOLYKXPX3NR3XLZ6ID2NF3
09-03	2043	Waterhole	30 chr EAM FHXBTV 3LTG45SQGHFS7LKRQBO5XDHF
09-03	2045	Waterhole	30 chr EAM FHJ7L3 CLV6JAWVFHFPGYSF5PUGJNYP
09-03	2053	Waterhole	30 chr EAM FHCJGU ZXSDSLBCU3A62YLRDPINBAKX
09-03	2055	Waterhole	30 chr EAM FHT64T Z7XSRXEEBYI36E7GF4NCHR4O
09-03	2057	Waterhole	30 chr EAM FH45TY RSTMOLYKXPX3NR3XLZ6ID2NF3
09-03	2100	Waterhole	30 chr EAM FHXBTV 3LTG45SQGHFS7LKRQBO5XDHF
09-03	2102	Waterhole	30 chr EAM FHJ7L3 CLV6JAWVFHFPGYSF5PUGJNYP
10-03	0004	Press Car	33 chr EAM D2E7QL VVK33WLB37VVKNEARTGR LXIW3Y
10-03	0013	Press Car	30 chr EAM D2HW6W OL25M22SQ6GVCOGOQFZAVCXE
10-03	0027	Press Car	30 chr EAM FH27TP 37HS4IQL3MQBRZAK5ILNICKQ
10-03	0031	Press Car	30 chr EAM FHLWXH YVRR2B3UIYH5YNIVSANWIOCD
10-03	1200	Press Car	30 chr EAM LXP6LL JZMLQPS446C3PIMDQO2TCRKP
10-03	1605	Press Car	30 chr EAM for Thorn-55 D2G3EIP CUDSOFQOF52A64N6YKY447K
10-03	1633	Press Car	30 chr EAM LXP6D S4CNUONV4NOGHI3ZLYOE7X3A
10-03	1653	Press Car	30 chr EAM for Kent-55 D2SFYH USWIHW35OAD523GRS34TYDPG
10-03	1722	Press Car	30 chr EAM LXAC6G QNUGPG5MQVTTG4YDGGMHXDQF
10-03	1932	Press Car	27 chr EAM 2DGZG6 ZLN7O4FSDNT55BT6ANDJZ
10-03	1940	Press Car	33 chr EAM 2DUOD2 JFPOGSELJWHFBUZWHFBX72RHFDU
10-03	2012	Press Car	33 chr EAM 2DUOD2 JFPOGSELJWHFBUZWHFBX72RHFDU
10-03	2030	Press Car	33 chr EAM 2DUOD2 JFPOGSELJWHFBUZWHFBX72RHFDU
10-03	2040	Press Car	30 chr EAM LXU7DQ 2YU3C7GQZCT6VLQ4KVP4Z4TF
10-03	2056	Press Car	30 chr EAM LX357F ZT5RNGVDBAQJ2FJEOO6P27CY
10-03	2100	Press Car	30 chr EAM LX357F ZT5RNGVDBAQJ2FJEOO6P27CY
10-03	2102	Press Car	30 chr EAM LXU7DQ 2YU3C7GQZCT6VLQ4KVP4Z4TF
10-03	2104	Press Car	33 chr EAM 2DUOD2 JFPOGSELJWHFBUZWHFBX72RHFDU
10-03	2110	Press Car	30 chr EAM LXWEBJ VMNBMLJZQERVVMKFEJCY4LZOJ
10-03	2112	Press Car	30 chr EAM LX5ZPR UZY7VCFFFYMZLECW7KCG3LI
10-03	2130	Press Car	30 chr EAM LX5ZPR UZY7VCFFFYMZLECW7KCG3LI
10-03	2204	Press Car	34 chr EAM D2CDRR O72ZEB2XAIXVRIQKGFUFUSU4AV24
10-03	2253	Press Car	54 chr EAM 3Q2OH6 7TYEQ62N6ET62OQDVUHQKFO4YPWGAGOGAGHHHCLMGXNAY4
10-03	2318	Press Car	30 chr EAM LXHBYE TU6R7ICALFN6BXHRU7G5TC4I
10-03	2320	Press Car	30 chr EAM LXTLH7 NN6PSOO2YRTSYRVFUEKXCZH
10-03	2324	Press Car	54 chr EAM 2QD5ZH VEN3ODWP7VW4ZMFLUX3G3W7NWNQVWODEBBW7777UYWXTVHLT

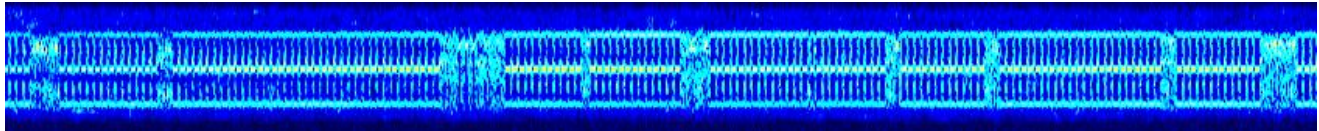
10-03	2328	Press Car	30 chr EAM LXAQTW TK67H4EFHXRRJYFHZH2TCWK7
10-03	2331	Press Car	30 chr EAM LXAQTW TK67H4EFHXRRJYFHZH2TCWK7
10-03	2333	Press Car	30 chr EAM LXTLH7 NN6PSOO2YRTSZYRVFUEKXCZH
10-03	2335	Press Car	30 chr EAM LXHBYE TU6R7ICALFN6BXHRU7G5TC4I
10-03	2338	Press Car	30 chr EAM LXSWTT D3ZXQFAWXTZVDYZEZEKH456B
11-03	0003	Tribolt	30 chr EAM LXAQTW TK67H4EFHXRRJYFHZH2TCWK7
11-03	0008	Tribolt	30 chr EAM LXAQTW TK67H4EFHXRRJYFHZH2TCWK7
11-03	0010	Tribolt	30 chr EAM LXTLH7 NN6PSOO2YRTSZYRVFUEKXCZH
11-03	0012	Tribolt	30 chr EAM LXHBYE TU6R7ICALFN6BXHRU7G5TC4I
11-03	1532	Tribolt	30 chr EAM LXCKVY WGHRAWVKL77O5PEYYOSGHFKN
12-03	0254	Dockyard	30 chr EAM LX4QI2 4EBRRYWHXPW42LGDDBRTKW4PQ
12-03	1523	Dockyard	30 chr EAM for Towel-56 D2DIKU 6VN4HX2Q2TZCHWP6JXYFSYM
12-03	1733	Dockyard	30 chr EAM LXYPZ Q2PHKF7ZKFEN3MVJSB4BNEU2
12-03	1933	Dockyard	30 chr EAM LXLUKA ZYL4WGLQ43WZQ3N7NMOYDI2U
12-03	2059	Dockyard	30 chr EAM for Mush D2IPUX 3EI77KCBWGN63A7JDLQZOKG
13-03	0616	Dockyard	30 chr EAM LXW657 ES7FJBD7QDVACOPNXII5Q2XL
13-03	1403	Dockyard	30 chr EAM for Bellpack D2TVH3 BOW24ZLQV7RPLTSJSIBVU437
13-03	1414	Dockyard	47 chr EAM D2H5LT KISE6BCAZPIWNW2AWN6YLXUI7ZOI47WTAZTL2KDL2
13-03	1541	Dockyard	30 chr EAM LXFEA6 TEIRFA2JET3XKIMDFU53PQG4
13-03	1647	Dockyard	33 chr EAM D2LHV4 IVWKUXQL4W355AKZV4ROBEB5OQ
14-03	1533	Rucksack	30 chr EAM D2PPZ6 KCVH5WHYLE4F37R2F375SLHYO7UQJ26TWPBOX7UQ62TILVC5I
14-03	1537	Rucksack	30 chr EAM LXLYQI LK5Y4SZMCCEYNFBAO53Y7LS4
14-03	1548	Rucksack	30 chr EAM D2GP6C VSJ45S3OXE3MRR6NGIUSBABV
14-03	1600	Rucksack	30 chr EAM LXLYQI LK5Y4SZMCCEYNFBAO53Y7LS4
14-03	1620	Rucksack	30 chr EAM LXNEDV XLGFLFLL7DVVFULH42ACO5JU
14-03	1624	Rucksack	30 chr EAM LXJ74R USTOGVZY5A4CYOKUBWSYX34E
14-03	1948	Rucksack	30 chr EAM for Audit-79 D2Z4VS LVONMUV3UQEAIIFYB6V6DAILM
14-03	2020	Rucksack	30 chr EAM LXF6DC HVP4OO4SQKRJS5JCGGEQGVFN
16-03	1933	Bolissian	30 chr EAM for Total-91 D2I5DS KKCHD3GHFDMYJGXUZVNVVI6RK
16-03	2003	Bolissian	30 chr EAM LXP3Z7 MBORAHE7CQ6ZJ4R3Y2ZEL36
16-03	2114	Bolissian	30 chr EAM D23PX6 RVL3C7ETWWZ46S4CYXCMW2E2
17-03	1422	Arm Rest	30 chr EAM LXVJJI 3ARGGR4A2ESX5OQEUAA5YC6P
17-03	1430	Arm Rest	30 chr EAM LXVJJI 3ARGGR4A2ESX5OQEUAA5YC6P
17-03	1432	Arm Rest	30 chr EAM LX72GV DMLIJ4CIV2Y5ITLHH35X2GEI
17-03	1440	Arm Rest	30 chr EAM LX4PRF BOBPRFW6WXKRJTCCPF7PHCOS
17-03	1444	Arm Rest	30 chr EAM LXSAZX 7RJD4TR6X5AAHQYVQJQLXHJI
17-03	1453	Arm Rest	30 chr EAM LXHG3B VIXWVNJNHSZFLFOEEZNVQRQ07
17-03	1500	Arm Rest	30 chr EAM LXHG3B VIXWVNJNHSZFLFOEEZNVQRQ07
17-03	1502	Arm Rest	30 chr EAM LXSAZX 7RJD4TR6X5AAHQYVQJQLXHJI
17-03	1504	Arm Rest	30 chr EAM LX4PRF BOBPRFW6WXKRJTCCPF7PHCOS
17-03	1530	Arm Rest	30 chr EAM LXHG3B VIXWVNJNHSZFLFOEEZNVQRQ07
17-03	1532	Arm Rest	30 chr EAM LXSAZX 7RJD4TR6X5AAHQYVQJQLXHJI
17-03	1534	Arm Rest	30 chr EAM LX4PRF BOBPRFW6WXKRJTCCPF7PHCOS
17-03	2125	Arm Rest	30 chr EAM LXJKUQ VCAKBPCJF6JAS5ROQ2LYHFN
17-03	2145	Arm Rest	30 chr EAM for Albe? D2WULO UGGI7Q2D233WQIHLX2SIZVMA
17-03	2205	Arm Rest	30 chr EAM for Albe? D2J42A HKY4VKUK6ZB3DF5LB5EOMSL4
18-03	1652	All State	30 chr EAM for Acoma 7VQ57D I16ALASHGLFCTSS553B3G6AS
18-03	1932	All State	30 chr EAM for Acoma 7VO5J6 HGLSVAZXL3XAKAROFXTFLFWH
18-03	1956	All State	30 chr EAM for Acoma TVU6ET V56E2K5ECSTZGL5VX3SGKQKK
18-03	2132	All State	30 chr EAM for Acoma TVFKDS IIGCLSCOBVWWX57DHG57WJOZ
18-03	2157	All State	30 chr EAM for Acoma 7VMYJO J22NEX3ITLDOBUNVXFRYRA3H
19-03	0203	Art Book	30 chr EAM LX6YY5 AC6XAPKAVFE4JEIADTF32LVC
19-03	1409	Art Book	30 chr EAM for Provo 7VJYB4 D4OUFITLYBFF6UCHP7DSJU06
19-03	1419	Art Book	30 chr EAM for Provo 7VIK12 3SBG75N5B54AAZFSRATDPJNO
19-03	1609	Art Book	30 chr EAM for Provo 7VCGVF FVWV7K2F4DJ6EWABQ365UKQR
19-03	1624	Art Book	30 chr EAM for Provo 7VE7XH 4GOGYE4ZK367OE5MAETXFAZV
19-03	1836	Art Book	30 chr EAM LXZR7W ZS3FTG4NEUCUSLJTPN6DMPXI
20-03	1450	Aberdeen	56 chr EAM 7VYJPV AQSH7FYDKIDZLLCZLSCZXK7S37U4DNC3747SI5U2FOWSGU
20-03	1515	Aberdeen	30 chr EAM 7V6WQC OKRABT2XHN3THQPEKPL7TNQE
20-03	1529	Aberdeen	30 chr EAM LXAWRX ESTMJWTEGSSRAU3V2SQWRPEB
20-03	1532	Aberdeen	30 chr EAM LXM7IV 2JO6PDWRPUK3ZME5CRKXAGIM
20-03	1545	Aberdeen	30 chr EAM LXRPYZ 3SCOU72C6RR76KOW722FDJL3

20-03	1732	Aberdeen	30 chr EAM LX5X4J G2OPGC7DW6K7EO3KRW6LPIDK
21-03	1503	Beanbag	53 chr EAM 7VLDLE ZLXNRLJEAOOAMLHU3JD6IQIKH2V2KHDKJDBEV7RXPQ2VQDW
21-03	1522	Beanbag	30 chr EAM 7VG2BB YQMPA6477PSFM2PK7NVIYDGP
21-03	1535	Beanbag	30 chr EAM LXZXHJ Q7IPWNNHWAGOBXUN2K7JQPKI
21-03	1542	Beanbag	30 chr EAM 7VRQQP HBFPTSOXQJW4UEQYR5WPEX5
21-03	1600	Beanbag	30 chr EAM LXXJ3A 3NJMJ6Z423MPEGLKHQLERZGQ
21-03	1606	Beanbag	30 chr EAM LXYS57 YNERXCR2LJOKK5DF3HPUHGAG
21-03	1610	Beanbag	30 chr EAM LXTUXU WZJC7P37FSVXHCLWZ6O7XYTC
21-03	1618	Beanbag	30 chr EAM 7V4OSE UCKYMCMWPYV2GYLS7OZE42BQ
21-03	1623	Beanbag	30 chr EAM LX2PFE 2B2HETJ5IV2T3AJB4XHW2AJN
21-03	1700	Beanbag	30 chr EAM LX2PFE 2B2HETJ5IV2T3AJB4XHW2AJN
21-03	1703	Beanbag	30 chr EAM LX2EMO HJRY3QJUL4F7JQNBXQGPTN6D
21-03	1706	Beanbag	30 chr EAM LX2PFE 2B2HETJ5IV2T3AJB4XHW2AJN
21-03	1708	Beanbag	30 chr EAM LXTUXU WZJC7P37FSVXHCLWZ6O7XYTC
21-03	1719	Beanbag	30 chr EAM LXIBFR IVEPQ52JKIGYRVMQRQJDBLAK
21-03	1832	Beanbag	30 chr EAM LXZYEI I3XOT2ULPETLJQMDTG6PJZHN

RUSSIAN MILITARY TRANSCRIPTS

Tactical datalink

7230 kHz, 31-03, 1624 UTC, Akkord 1200Bd/800Hz
7260 kHz, 31-03, 1624 UTC, Akkord 1200Bd/800Hz



Monolith stations

Channel markers

4310 kHz, 31-03, 1620 UTC	Goose
4182 kHz, 31-03, 1620 UTC	Dash
4625 kHz, 31-03, 1620 UTC	Buzzer
3756 kHz, 31-03, 1625 UTC	Pip
4770 kHz, 31-03, 1628 UTC	Alarm
4930 kHz, 31-03, 1628 UTC	Air Horn
3363.5 kHz, 31-03, 1628 UTC	Squeaky Wheel

LOGS SECTION

Code	Date	UTC	Freq	Day	Details	Mode	Contributor
---	1-3	1522	10460	Wed	Ukrainian station. Anti Russia propaganda and insults	USB	(AB)
---	1-3	1710	10465	Wed	Ukrainian station. Anti Russia propaganda. Switched to 10460 KHz	USB	(AB)
---	1-3	1713	10460	Wed	Ukrainian station. Anti Russia propaganda and insults	USB	(AB)
---	1-3	1717	10465	Wed	Russian propaganda and music. News relay	USB	(AB)
---	2-3	1037	10455	Thu	Russian and Ukrainian outbanders yelling at each other. Russian propaganda	USB	(AB)
---	2-3	1040	10460	Thu	Russian propaganda	USB	(AB)
---	3-3	1730	10465	Fri	Russian propaganda / news relay	USB	(AB)
---	4-3	1549	7050	Sat	Radio war. Russians and Ukrainians yelling and cursing	LSB	(AB)
---	4-3	1549	7055	Sat	Radio war. Loop transmission	LSB	(AB)
---	4-3	1549	7060	Sat	Radio war. Russians and Ukrainians yelling and cursing	LSB	(AB)
---	8-3	1732	7050	Wed	Loop transmission	LSB	(AB)
---	8-3	1732	7055	Wed	Music and discussions	LSB	(AB)
---	8-3	1732	7060	Wed	Yelling and insults. Many stations on top of each other	LSB	(AB)
---	8-3	1734	10455	Wed	Loop transmission. Later Russian outbanders. Jammed by a strong Ukrainian station insulting the Russians	USB	(AB)
---	8-3	1736	10460	Wed	Anti Ukraine propaganda. Jammed by a strong Ukrainian station insulting the Russians	USB	(AB)
---	9-3	1815	10460	Thu	Ukrainian radio program relays	USB	(AB)
---	11-3	1557	10455	Sat	Russian propaganda and a Ukrainian station insulting Putin and Russia	LSB	(AB)
---	11-3	1557	10460	Sat	Russian propaganda and a Ukrainian station insulting Putin and Russia	LSB	(AB)
---	31-3	1620	4182	Fri	Dash: Russian military channel marker	USB	(AB)
---	31-3	1620	4310	Fri	Goose: Russian military channel marker	USB	(AB)
---	31-3	1620	4625	Fri	Buzzer: Russian military channel marker	USB	(AB)
---	31-3	1624	7230	Fri	Russian tactical datalink	Akkord 1200Bd/800Hz	(AB)
---	31-3	1624	7260	Fri	Russian tactical datalink	Akkord 1200Bd/800Hz	(AB)
---	31-3	1625	3756	Fri	Pip: Russian military channel marker	USB	(AB)
---	31-3	1628	3363.5	Fri	Squeaky Wheel: Russian military channel marker	USB	(AB)
---	31-3	1628	4770	Fri	Alarm: Russian military channel marker	USB	(AB)
---	31-3	1628	4930	Fri	Air Horn: Russian military channel marker	USB	(AB)
BUL	1-3	1328	17440	Wed	MFA Sofia wkg undid embassy	RFSM	(AB)
BUL	1-3	1357	17442	Wed	MFA Sofia wkg undid embassy	RFSM	(AB)
BUL	2-3	0940	17440	Thu	MFA Sofia wkg undid embassy. QSX 17464 KHz	RFSM	(AB)
BUL	2-3	0940	17464	Thu	Unid Bulgarian embassy wkg MFA Sofia. QSX 17440 KHz	RFSM	(AB)
BUL	6-3	1327	17440	Mon	MFA Sofia wkg undid embassy	RFSM	(AB)
BUL	6-3	1358	17442	Mon	MFA Sofia wkg undid embassy	RFSM	(AB)
BUL	7-3	1326	17440	Tue	MFA Sofia wkg undid embassy. QSX 17464 KHz	RFSM	(AB)
BUL	7-3	1326	17464	Tue	Unid Bulgarian embassy wkg MFA Sofia. QSX 17440 KHz	RFSM	(AB)
BUL	7-3	1358	17442	Tue	MFA Sofia wkg undid embassy. QSX 17461 KHz	RFSM	(AB)
BUL	7-3	1358	17461	Tue	Unid Bulgarian embassy wkg MFA Sofia. QSX 17442 KHz	RFSM	(AB)

BUL	8-3	1323	17440	Wed	MFA Sofia wkg unid embassy. QSX 17464 kHz	RFSM	(AB)
BUL	8-3	1323	17464	Wed	Unid Bulgarian embassy wkg MFA Sofia. QSX 17440 kHz	RFSM	(AB)
BUL	8-3	1358	17442	Wed	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	9-3	1327	17440	Thu	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	9-3	1359	17442	Thu	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	10-3	1327	17440	Fri	MFA Sofia wkg unid embassy. QSX 17464 kHz	RFSM	(AB)
BUL	10-3	1327	17464	Fri	Unid Bulgarian embassy wkg MFA Sofia. QSX 17440 kHz	RFSM	(AB)
BUL	10-3	1358	17442	Fri	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	13-3	1329	17440	Mon	MFA Sofia wkg unid embassy. QSX 17464 kHz	RFSM	(AB)
BUL	13-3	1329	17464	Mon	Unid Bulgarian embassy wkg MFA Sofia. QSX 17440 kHz	RFSM	(AB)
BUL	13-3	1358	17442	Mon	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	14-3	1100	17442	Tue	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	14-3	1326	17440	Tue	MFA Sofia wkg unid embassy. QSX 17460 kHz	RFSM	(AB)
BUL	14-3	1326	17460	Tue	Unid Bulgarian embassy wkg MFA Sofia. QSX 17440 kHz	RFSM	(AB)
BUL	15-3	1125	17442	Wed	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	15-3	1328	17440	Wed	MFA Sofia wkg unid embassy. QSX 17450 kHz	RFSM	(AB)
BUL	15-3	1328	17450	Wed	Unid Bulgarian embassy wkg MFA Sofia. QSX 17440 kHz	RFSM	(AB)
BUL	15-3	1357	17442	Wed	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	16-3	0928	14770	Thu	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	16-3	1327	17440	Thu	MFA Sofia wkg unid embassy. QSX 17450 kHz	RFSM	(AB)
BUL	16-3	1327	17450	Thu	Unid Bulgarian embassy wkg MFA Sofia. QSX 17440 kHz	RFSM	(AB)
BUL	16-3	1359	17442	Thu	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	17-3	1327	17440	Fri	MFA Sofia wkg unid embassy. QSX 17464 kHz	RFSM	(AB)
BUL	17-3	1327	17464	Fri	Unid Bulgarian embassy wkg MFA Sofia. QSX 17440 kHz	RFSM	(AB)
BUL	17-3	1356	17442	Fri	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	20-3	1329	17440	Mon	MFA Sofia wkg unid embassy. QSX 17448 kHz	RFSM	(AB)
BUL	20-3	1329	17448	Mon	Unid Bulgarian embassy wkg MFA Sofia. QSX 17440 kHz	RFSM	(AB)
BUL	20-3	1358	17442	Mon	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	21-3	1327	17440	Tue	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	21-3	1357	17442	Tue	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	22-3	1328	17440	Wed	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	22-3	1358	17442	Wed	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	23-3	1327	17440	Thu	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	23-3	1357	17442	Thu	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	27-3	0956	12100	Mon	Bulgarian diplo. QSX 12124 kHz	RFSM	(AB)
BUL	27-3	0956	12124	Mon	Bulgarian diplo. QSX 12100 kHz	RFSM	(AB)
BUL	27-3	1225	17440	Mon	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	27-3	1258	17442	Mon	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	28-3	1225	17440	Tue	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	28-3	1257	17442	Tue	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	29-3	1226	17440	Wed	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	29-3	1257	17442	Wed	MFA Sofia wkg unid embassy	RFSM	(AB)

BUL	30-3	1227	17440	Thu	MFA Sofia wkg unid embassy		RFSM	(AB)
BUL	30-3	1315	17442	Thu	MFA Sofia wkg unid embassy		RFSM	(AB)
BUL	31-3	1227	17440	Fri	MFA Sofia wkg unid embassy		RFSM	(AB)
BUL	31-3	1258	17442	Fri	MFA Sofia wkg unid embassy		RFSM	(AB)
DPRK	2-3	0845	16870	Thu	North Korean diplo		DPRK-ARQ 600 LSB	(AB)
DPRK	2-3	0846	12201	Thu	North Korean diplo		DPRK-ARQ 600 LSB	(AB)
DPRK	3-3	0836	16870	Fri	North Korean diplo		DPRK-ARQ 600 LSB	(AB)
DPRK	3-3	1311	20010	Fri	North Korean diplo		DPRK-ARQ 600 LSB	(AB)
DPRK	7-3	0500	12201	Tue	North Korean diplo		DPRK-ARQ 600 LSB	(AB-J)
DPRK	7-3	0833	16870	Tue	North Korean diplo		DPRK-ARQ 600 LSB	(AB)
DPRK	9-3	1304	16252	Thu	North Korean diplo		DPRK-ARQ 600 LSB	(AB)
DPRK	10-3	1258	20100	Fri	North Korean diplo		DPRK-ARQ 600 LSB	(AB)
DPRK	13-3	0842	12100	Mon	North Korean diplo		DPRK-ARQ 600 LSB	(AB)
DPRK	16-3	1300	16252	Thu	North Korean diplo		DPRK-ARQ 600	(AB)
DPRK	17-3	0830	16252	Fri	North Korean diplo		DPRK-ARQ 600	(AB)
DPRK	17-3	0830	16870	Fri	North Korean diplo		DPRK-ARQ 600	(AB)
DPRK	17-3	0838	20003	Fri	North Korean diplo		DPRK-ARQ 600	(AB)
DPRK	21-3	0855	16675	Tue	North Korean diplo		DPRK-ARQ 600 LSB	(AB)
DPRK	21-3	1224	11047	Tue	North Korean diplo		DPRK-ARQ 600 LSB	(AB)
DPRK	21-3	1230	16252	Tue	North Korean diplo		DPRK-ARQ 600 LSB	(AB)
DPRK	21-3	1238	13300	Tue	North Korean diplo		DPRK-ARQ 600 LSB	(AB)
DPRK	23-3	1255	16252	Thu	North Korean diplo		DPRK-ARQ 600	(AB)
DPRK	23-3	1300	12400	Thu	North Korean diplo. QSX 12403 kHz		DPRK-ARQ 600	(AB)
DPRK	23-3	1300	12403	Thu	North Korean diplo. QSX 12400 kHz		DPRK-ARQ 600	(AB)
DPRK	27-3	0837	16870	Mon	North Korean diplo		DPRK-ARQ 600 LSB	(AB)
DPRK	30-3	1210	16252	Thu	North Korean diplo		DPRK-ARQ 600 LSB	(AB)
E06	2-3	0300	15726	Thu	361 597 46 77068 90078 26558 ... 56342 88736 94377 597 46 00000		USB	(PY/HFD)
E06	2-3	0400	13384	Thu	361 597 46 77068 90078 26558 ... 56342 88736 94377 597 46 00000		USB	(PY/HFD)
E06	2-3	0600	16230	Thu	864 109 52 99261 11421 29073 ... 09964 10268 64162 109 52 00000		USB	(AB/HFD)
E06	2-3	0700	19325	Thu	864 109 52 99261 11421 29073 ... 09964 10268 64162 109 52 00000		USB	(AB/HFD)
E06	3-3	0300	15726	Fri	361 597 46 77068 90078 26558 ... 56342 88736 94377 597 46 00000		USB	(PY)
E06	3-3	0400	13384	Fri	361 597 46 77068 90078 26558 ... 56342 88736 94377 597 46 00000		USB	(PY)
E06	3-3	0600	16230	Fri	864 109 52 99261 11421 29073 ... 09964 10268 64162 109 52 00000		USB	(AB)
E06	3-3	0700	19325	Fri	864 109 52 99261 11421 29073 ... 09964 10268 64162 109 52 00000		USB	(AB)
E06	4-3	1300	10755	Sat	480 561 44 78430 31192 49124 ... 26660 57159 43347 561 44 00000		USB	(AB-POL/HFD)
E06	4-3	1330	9073	Sat	480 561 44 78430 31192 49124 ... 26660 57159 43347 561 44 00000		USB	(AB-POL/HFD)
E06	5-3	0930	12093	Sun	480 561 44 78430 31192 49124 ... 26660 57159 43347 561 44 00000		USB	(AB/HFD)
E06	5-3	1000	10212	Sun	480 561 44 78430 31192 49124 ... 26660 57159 43347 561 44 00000		USB	(AB-RUS/HFD)
E06	9-3	0300	15726	Thu	361 802 47 42221 22950 76722 ... 58634 47753 15600 802 47 00000		USB	(PY)
E06	9-3	0400	13384	Thu	361 802 47 42221 22950 76722 ... 58634 47753 15600 802 47 00000		USB	(PY)
E06	11-3	1300	10755	Sat	480 615 42 70589 82923 26824 ... 71952 26964 64582 615 42 00000		USB	(AB-RUS/MPJ-FIN)
E06	11-3	1330	9073	Sat	480 615 42 70589 82923 26824 ... 71952 26964 64582 615 42 00000		USB	(AB-POL/MPJ-FIN)

E06	12-3	0930	12093	Sun	480 615 42 70589 82923 26824 ... 71952 26964 64582 615 42 00000	USB	(AB)
E06	12-3	1000	10212	Sun	480 615 42 70589 82923 26824 ... 71952 26964 64582 615 42 00000	USB	(AB-RUS)
E06	13-3	0210	11567	Mon	537 816 30 09130 76846 17429 ... 42434 34754 27060 816 30 00000	USB	(PY/HFD)
E06	13-3	0310	14578	Mon	537 816 30 09130 76846 17429 ... 42434 34754 27060 816 30 00000	USB	(PY/HFD)
E06	13-3	1250	11073	Mon	352 849 60 97003 78801 52178 ... 29918 62265 56377 849 60 00000	USB	(Pof/Sublio)
E06	14-3	0210	11567	Tue	537 816 30 09130 76846 17429 ... 42434 34754 27060 816 30 00000	USB	(PY)
E06	14-3	0310	14568	Tue	537 816 30 09130 76846 17429 ... 42434 34754 27060 816 30 00000	USB	(PY)
E06	16-3	0300	15726	Thu	361 957 48 09202 40315 72432 ... 33182 95465 20240 957 48 00000	USB	(PY)
E06	16-3	0400	13384	Thu	361 957 48 09202 40315 72432 ... 33182 95465 20240 957 48 00000	USB	(PY)
E06	16-3	0600	16230	Thu	864 132 50 64978 66934 68267 ... 23495 75989 11024 132 50 00000	USB	(AB)
E06	16-3	0700	19325	Thu	864 132 50 64978 66934 68267 ... 23495 75989 11024 132 50 00000	USB	(AB)
E06	17-3	0300	15726	Fri	361 957 48 09202 40315 72432 ... 33182 95465 20240 957 48 00000	USB	(PY)
E06	17-3	0400	13384	Fri	361 957 48 09202 40315 72432 ... 33182 95465 20240 957 48 00000	USB	(PY)
E06	17-3	0600	16230	Fri	864 132 50 64978 66934 68267 ... 23495 75989 11024 132 50 00000	USB	(AB)
E06	17-3	0700	19325	Fri	864 132 50 64978 66934 68267 ... 23495 75989 11024 132 50 00000	USB	(AB)
E06	18-3	1300	10755	Sat	480 216 45 26968 41395 63128 ... 72465 94685 14422 216 45 00000	USB	(AB-RUS)
E06	18-3	1330	9073	Sat	480 216 45 26968 41395 63128 ... 72465 94685 14422 216 45 00000	USB	(AB-POL)
E06	19-3	0930	12093	Sun	480 216 45 26968 41395 63128 ... 72465 94685 14422 216 45 00000	USB	(AB)
E06	19-3	1000	10212	Sun	480 216 45 26968 41395 63128 ... 72465 94685 14422 216 45 00000	USB	(AB-RUS)
E06	20-3	0210	11567	Mon	537 420 31 41528 86377 44944 ... 76662 57917 32883 420 31 00000	USB	(PY)
E06	20-3	0310	14568	Mon	537 420 31 41528 86377 44944 ... 76662 57917 32883 420 31 00000	USB	(PY)
E06	21-3	0210	11567	Tue	537 420 31 41528 86377 44944 ... 76662 57917 32883 420 31 00000	USB	(PY)
E06	21-3	0310	14568	Tue	537 420 31 41528 86377 44944 ... 76662 57917 32883 420 31 00000	USB	(PY)
E06	24-3	1300	12167	Fri	956 804 36 59267 44601 37775 ... 12170 48661 95200 804 36 00000	USB	(T101)
E06	25-3	1300	10755	Sat	480 672 41 37428 93523 64082 ... 21427 56804 68700 672 41 00000	USB	(AB)
E06	25-3	1330	9073	Sat	480 672 41 37428 93523 64082 ... 21427 56804 68700 672 41 00000	USB	(AB)
E06	26-3	0930	12093	Sun	480 672 41 37428 93523 64082 ... 21427 56804 68700 672 41 00000	USB	(AB)
E06	26-3	1000	10212	Sun	480 672 41 37428 93523 64082 ... 21427 56804 68700 672 41 00000	USB	(AB-RUS)
E06	27-3	0210	11567	Mon	537 169 32 49665 73768 76207 ... 40519 01415 19235 169 32 00000	USB	(PY)
E06	27-3	0310	14568	Mon	537 169 32 49665 73768 76207 ... 40519 01415 19235 169 32 00000	USB	(PY)
E06	28-3	0210	11567	Tue	537 169 32 49665 73768 76207 ... 40519 01415 19235 169 32 00000	USB	(PY)
E06	28-3	0310	14568	Tue	537 169 32 49665 73768 76207 ... 40519 01415 19235 169 32 00000	USB	(PY)
E06	30-3	0300	15726	Thu	361 842 50 39600 18321 49779 ... 08889 14746 01328 842 50 00000	USB	(PY)
E06	30-3	0400	13384	Thu	361 842 50 39600 18321 49779 ... 08889 14746 01328 842 50 00000	USB	(PY)
E06	31-3	0300	15726	Fri	361 842 50 39600 18321 49779 ... 08889 14746 01328 842 50 00000	USB	(PY)
E06	31-3	0400	13384	Fri	361 842 50 39600 18321 49779 ... 08889 14746 01328 842 50 00000	USB	(PY)
E06b	21-3	1300	16315	Tue	695 695 695 29185 348 127 20429 61585 10251 ... 91593 21950 77745 348 127 00000	USB	(AB/Prlyom)
E06b	21-3	1400	12128	Tue	695 695 695 29185 348 127 20429 61585 10251 ... 91593 21950 77745 348 127 00000	USB	(qsr711)
E06b	22-3	1300	16315	Wed	695 695 695 29185 348 127 20429 61585 10251 ... 91593 21950 77745 348 127 00000	USB	(AB-RUS)
E06b	22-3	1400	12103	Wed	695 695 695 29185 348 127 20429 61585 10251 ... 91593 21950 77745 348 127 00000	USB	(T101)
E07	2-3	1410	16284	Thu	328 328 328 1 6085 79 6085 79 64221 64551 43082 ... 72610 15423 64118 000 000	USB	(AB)
E07	2-3	1430	14854	Thu	328 328 328 1 6085 79 6085 79 64221 64551 43082 ... 72610 15423 64118 000 000	USB	(AB/HFD)

E07	2-3	1450	13384	Thu	328 328 328 1 6085 79 6085 79 64221 64551 43082 ... 72610 15423 64118 000 000	USB	(AB/HFD)
E07	3-3	1500	14571	Fri	584 584 584 000	USB	(AB/HFD)
E07	3-3	1520	15851	Fri	584:0	USB	(HFD)
E07	4-3	1400	12143	Sat	114 114 114 000	USB	(MPJ-HNG)
E07	4-3	1410	16284	Sat	328 328 328 1 6085 79 6085 79 64221 64551 43082 ... 72610 15423 64118 000 000	USB	(AB/MPJ)
E07	4-3	1420	11143	Sat	114 114 114 000	USB	(AB/MPJ-HNG/HFD)
E07	4-3	1430	14854	Sat	328 328 328 1 6085 79 6085 79 64221 64551 43082 ... 72610 15423 64118 000 000	USB	(AB/MPJ)
E07	4-3	1450	13384	Sat	328 328 328 1 6085 79 6085 79 64221 64551 43082 ... 72610 15423 64118 000 000	USB	(AB/MPJ)
E07	5-3	0700	10268	Sun	201 201 201 000	USB	(AB/HFD)
E07	5-3	0720	11068	Sun	201 201 201 000	USB	(AB/HFD)
E07	7-3	1500	14571	Tue	584 584 584 1 9071 64 9071 64 23452 99522 35136 ... 60030 88373 62654 000 000	USB	(AB/MPJ/HFD)
E07	7-3	1500	14571	Tue	584 1 9071 64 23452 ...	USB	(HFD)
E07	7-3	1520	15851	Tue	584 584 584 1 9071 64 9071 64 23452 99522 35136 ... 60030 88373 62654 000 000	USB	(AB/MPJ/HFD)
E07	7-3	1520	15851	Tue	584:1	USB	(HFD)
E07	7-3	1540	17451	Tue	584 584 584 1 9071 64 9071 64 23452 99522 35136 ... 60030 88373 62654 000 000	USB	(AB/MPJ/HFD)
E07	7-3	1540	17451	Tue	584:1	USB	(HFD)
E07	9-3	1410	16284	Thu	328 328 328 000	USB	(AB/2PI-FIN)
E07	9-3	1430	14854	Thu	328 328 328 000	USB	(AB)
E07	10-3	1500	14571	Fri	584 584 584 1 9071 64 9071 64 23452 99522 35136 ... 60030 88373 62654 000 000	USB	(AB/MPJ)
E07	10-3	1520	15851	Fri	584 584 584 1 9071 64 9071 64 23452 99522 35136 ... 60030 88373 62654 000 000	USB	(AB/MPJ)
E07	10-3	1540	17451	Fri	584 584 584 1 9071 64 9071 64 23452 99522 35136 ... 60030 88373 62654 000 000	USB	(AB/MPJ)
E07	11-3	1400	12143	Sat	114 114 114 000	USB	(AB)
E07	11-3	1410	16284	Sat	328 328 328 000	USB	(AB)
E07	11-3	1420	11143	Sat	114 114 114 000	USB	(AB)
E07	11-3	1430	14854	Sat	328 328 328 000	USB	(AB)
E07	12-3	0700	10268	Sun	201 201 201 000	USB	(AB)
E07	12-3	0720	11068	Sun	201 201 201 000	USB	(AB)
E07	14-3	1500	14571	Tue	584 584 584 000	USB	(AB/MPJ)
E07	14-3	1520	15851	Tue	584 584 584 000	USB	(AB/MPJ/2PI-S)
E07	16-3	1410	16284	Thu	328 328 328 1 3868 61 3868 61 48215 19406 48731 ... 16408 35950 55857 000 000	USB	(AB)
E07	16-3	1430	14854	Thu	328 328 328 1 3868 61 3868 61 48215 19406 48731 ... 16408 35950 55857 000 000	USB	(AB)
E07	16-3	1450	13384	Thu	328 328 328 1 3868 61 3868 61 48215 19406 48731 ... 16408 35950 55857 000 000	USB	(AB)
E07	17-3	1500	14571	Fri	584 584 584 000	USB	(AB/RL/2PI-FIN)
E07	17-3	1520	15851	Fri	584 584 584 000	USB	(AB/RL)
E07	18-3	1400	12143	Sat	114 114 114 000	USB	(AB/XAH)
E07	18-3	1410	16284	Sat	328 328 328 1 3868 61 3868 61 48215 19406 48731 ... 16408 35950 55857 000 000	USB	(AB/XAH)
E07	18-3	1420	11143	Sat	114 114 114 000	USB	(AB/XAH)
E07	18-3	1430	14854	Sat	328 328 328 1 3868 61 3868 61 48215 19406 48731 ... 16408 35950 55857 000 000	USB	(AB/XAH)
E07	18-3	1450	13384	Sat	328 328 328 1 3868 61 3868 61 48215 19406 48731 ... 16408 35950 55857 000 000	USB	(AB)
E07	19-3	0700	10268	Sun	201 201 201 000	USB	(AB)
E07	19-3	0720	11068	Sun	201 201 201 000	USB	(AB)

E07	21-3	1500	14571	Tue	584 584 584 1 7584 118 7584 115 26790 87522 57285 ... 87501 73688 63427 000 000	USB	(AB/MPJ/2PI-FIN)
E07	21-3	1520	15851	Tue	584 584 584 1 7584 118 7584 115 26790 87522 57285 ... 87501 73688 63427 000 000	USB	(AB/MPJ/2PI-FIN)
E07	21-3	1540	17451	Tue	584 584 584 1 7584 118 7584 115 26790 87522 57285 ... 87501 73688 63427 000 000	USB	(AB/MPJ)
E07	23-3	1410	16284	Thu	328 328 328 000	USB	(AB/MPJ)
E07	23-3	1430	14854	Thu	328 328 328 000	USB	(AB/MPJ)
E07	24-3	1500	14571	Fri	584 584 584 1 7584 118 7584 115 26790 87522 57285 ... 87501 73688 63427 000 000	USB	(AB/MPJ-AUT)
E07	24-3	1520	15851	Fri	584 584 584 1 7584 118 7584 115 26790 87522 57285 ... 87501 73688 63427 000 000	USB	(AB/MPJ-AUT)
E07	24-3	1540	17451	Fri	584 584 584 1 7584 118 7584 115 26790 87522 57285 ... 87501 73688 63427 000 000	USB	(AB/MPJ-AUT)
E07	25-3	1400	12143	Sat	114 114 114 000	USB	(AB)
E07	25-3	1410	16284	Sat	328 328 328 000	USB	(AB)
E07	25-3	1420	11143	Sat	114 114 114 000	USB	(AB)
E07	25-3	1430	14854	Sat	328 328 328 000	USB	(AB)
E07	26-3	0700	10268	Sun	201 201 201 000	USB	(AB)
E07	26-3	0720	11068	Sun	201 201 201 000	USB	(AB)
E07	28-3	1500	14571	Tue	584 584 584 000	USB	(AB)
E07	28-3	1520	15851	Tue	584 584 584 000	USB	(AB)
E07	30-3	1410	16284	Thu	328 3 off, restart0 328 328 328 1 136 88 136 88 45344 90036 33939 ... 493 24255 03762 000 000	USB	(AB/MPJ)
E07	30-3						
E07	30-3	1430	14854	Thu	328 328 328 1 136 88 136 88 45344 90036 33939 ... 493 24255 03762 000 000	USB	(AB/MPJ)
E07	30-3	1450	13384	Thu	328 328 328 1 136 88 136 88 45344 90036 33939 ... 493 24255 03762 000 000	USB	(AB/MPJ)
E07	31-3	1500	14571	Fri	584 584 584 000	USB	(AB/MPJ)
E07	31-3	1520	15851	Fri	584 584 584 000	USB	(AB/MPJ)
E11	1-3	0315	11092	Wed	251/00	USB	(HFD)
E11	1-3	0640	14865	Wed	942/00	USB	(AB/HFD)
E11	1-3	0715	15632	Wed	757/00	USB	(AB/HFD)
E11	1-3	0745	17410	Wed	340/00	USB	(AB/HFD)
E11	1-3	0745	17410	Wed	340/00	USB	(HFD)
E11	1-3	0820	19184	Wed	130/00	USB	(AB/HFD)
E11	1-3	0845	12202	Wed	716/00	USB	(AB/HFD)
E11	1-3	0900	9968	Wed	538/00	USB	(AB/HFD)
E11	1-3	1045	10200	Wed	698/00	USB	(AB/HFD)
E11	1-3	1205	6923	Wed	461/00	USB	(AB/HFD)
E11	1-3	1715	6923	Wed	972/00	USB	(AB/HFD)
E11	1-3	1910	4181	Wed	395/00	USB	(AB/HFD)
E11	2-3	0645	8423	Thu	519/00	USB	(AB)
E11	2-3	0745	14865	Thu	223/00	USB	(AB/HFD)
E11	2-3	0845	18168	Thu	150/00 x13908	USB	(HFD)
E11	2-3	1230	12530	Thu	335/00	USB	(AB/MPJ/HFD)
E11	2-3	1300	5371	Thu	315/00	USB	(AB/HFD)
E11	2-3	1530	10330	Thu	264/00	USB	(AB/MPJ/HFD)
E11	2-3	1730	7864	Thu	418/00	USB	(MPJ)
E11	2-3	1900	7317	Thu	644/00	USB	(AB/MPJ/HFD)

E11	2-3	2000	5737	Thu	522/00		USB	(AB/HFD)
E11	3-3	0700	8180	Fri	576/00		USB	(AB/HFD)
E11	3-3	0715	9963	Fri	630/00		USB	(AB/HFD)
E11	3-3	0745	17410	Fri	344/00		USB	(AB)
E11	3-3	0830	15905	Fri	185/00		USB	(AB/HFD)
E11	3-3	1000	9951	Fri	305/00		USB	(AB/HFD)
E11	3-3	1715	6923	Fri	970/00		USB	(AB/MPJ)
E11	3-3	1815	11116	Fri	924/00		USB	(AB/MPJ/HFD)
E11	4-3	0700	9079	Sat	490/00		USB	(AB/HFD)
E11	4-3	1430	14972	Sat	915/00		USB	(AB/HFD)
E11	4-3	1530	4505	Sat	365/00		USB	(AB-POL/HFD)
E11	4-3	1910	4181	Sat	394/00		USB	(AB)
E11	5-3	0700	9079	Sun	491/00		USB	(AB)
E11	5-3	1530	4505	Sun	365/00		USB	(AB/MPJ)
E11	5-3	1605	5176	Sun	232/00		USB	(AB/MPJ/HFD)
E11	5-3	1745	13470	Sun	240/00		USB	(AB/MPJ/HFD)
E11	5-3	1815	11116	Sun	925/00		USB	(AB/XAH/HFD)
E11	5-3	2000	5737	Sun	524/00		USB	(AB)
E11	6-3	0450	5371	Mon	412/00		USB	(AB/HFD)
E11	6-3	0715	15632	Mon	751/00		USB	(AB)
E11	6-3	0745	10213	Mon	261/00		USB	(AB/HFD)
E11	6-3	0830	15905	Mon	182/00		USB	(AB)
E11	6-3	0845	12202	Mon	719/00		USB	(AB)
E11	6-3	1300	5371	Mon	316/00		USB	(AB)
E11	7-3	0645	8423	Tue	510/00		USB	(AB/HFD)
E11	7-3	0700	8180	Tue	576/00		USB	(AB)
E11	7-3	0715	9963	Tue	636/00		USB	(AB)
E11	7-3	0820	19184	Tue	132/00		USB	(AB)
E11	7-3	0845	18168	Tue	152/00		USB	(AB)
E11	7-3	1000	9951	Tue	306/00		USB	(AB)
E11	7-3	1205	6923	Tue	461/00		USB	(AB/MPJ)
E11	7-3	1230	12530	Tue	332/00		USB	(AB/MPJ)
E11	7-3	1430	14972	Tue	918/00		USB	(AB/MPJ)
E11	7-3	1605	5176	Tue	237/00		USB	(AB)
E11	8-3	0715	15632	Wed	750/00		USB	(AB)
E11	8-3	0745	17410	Wed	349/00		USB	(AB)
E11	8-3	0820	19184	Wed	136/00		USB	(AB)
E11	8-3	0845	12202	Wed	711/00		USB	(AB)
E11	8-3	0930	6940	Wed	275/00		USB	(AB)
E11	8-3	1205	6923	Wed	469/00		USB	(AB)
E11	8-3	1910	4181	Wed	393/00		USB	(AB/MPJ)
E11	9-3	0645	8423	Thu	511/00		USB	(AB)

E11	9-3	0820	5941	Thu	438/00		USB	(AB-POL)
E11	9-3	0845	18168	Thu	150/00		USB	(AB)
E11	9-3	0930	6940	Thu	276/00		USB	(AB)
E11	9-3	1230	12530	Thu	333/00		USB	(AB/2PI-FIN)
E11	9-3	1300	5371	Thu	315/00		USB	(AB-POL)
E11	9-3	1530	10330	Thu	264/00		USB	(AB)
E11	9-3	1730	7864	Thu	412/00		USB	(AB/HFD)
E11	9-3	2000	5737	Thu	520/00		USB	(AB)
E11	10-3	0600	8680	Fri	351/00		USB	(AB)
E11	10-3	0700	8180	Fri	570/00		USB	(AB)
E11	10-3	0715	9963	Fri	630/00		USB	(AB)
E11	10-3	0745	17410	Fri	342/00		USB	(AB)
E11	10-3	0820	5941	Fri	430/00		USB	(AB)
E11	10-3	0830	15905	Fri	188/00		USB	(AB)
E11	10-3	1000	9951	Fri	309/00		USB	(AB)
E11	10-3	1910	8530	Fri	614/00		USB	(AB)
E11	11-3	1430	14972	Sat	912/00		USB	(AB/MPJ)
E11	11-3	1530	4505	Sat	365/00		USB	(AB-POL/MPJ)
E11	11-3	1910	4181	Sat	392/00		USB	(AB)
E11	12-3	0600	8680	Sun	355/00		USB	(AB/HFD)
E11	12-3	1530	4505	Sun	364/00		USB	(AB)
E11	12-3	1605	5176	Sun	235/00		USB	(AB/MPJ/2PI-FIN)
E11	12-3	1910	8530	Sun	612/00		USB	(AB/MPJ)
E11	12-3	2000	5737	Sun	522/00		USB	(AB)
E11	13-3	0450	5371	Mon	410/00		USB	(AB)
E11	13-3	0645	14865	Mon	948/00		USB	(AB)
E11	13-3	0715	15632	Mon	757/00		USB	(AB)
E11	13-3	0830	15905	Mon	184/00		USB	(AB)
E11	13-3	0845	12202	Mon	710/00		USB	(AB)
E11	13-3	0900	9968	Mon	537/00		USB	(AB)
E11	13-3	1045	10200	Mon	697/00		USB	(AB)
E11	13-3	1745	13470	Mon	248/00		USB	(AB)
E11	13-3	1900	7317	Mon	649/00		USB	(AB)
E11	14-3	0700	8180	Tue	579/00		USB	(AB)
E11	14-3	0715	9963	Tue	639/00		USB	(AB)
E11	14-3	0745	14865	Tue	224/00		USB	(AB)
E11	14-3	0845	18168	Tue	157/00		USB	(AB)
E11	14-3	1000	9951	Tue	306/00		USB	(AB)
E11	14-3	1205	6923	Tue	466/00		USB	(AB/MPJ)
E11	14-3	1230	12530	Tue	332/00		USB	(AB/MPJ)
E11	15-3	0645	14865	Wed	941/00		USB	(AB)
E11	15-3	0715	15632	Wed	750/00		USB	(AB)

E11	15-3	0845	12202	Wed	711/00		USB	(AB)
E11	15-3	0900	9968	Wed	533/00		USB	(AB)
E11	15-3	0930	6940	Wed	270/00		USB	(AB)
E11	15-3	1045	10200	Wed	691/00		USB	(AB)
E11	15-3	1205	6923	Wed	465/00		USB	(AB)
E11	15-3	1715	6923	Wed	975/00		USB	(AB/MPJ)
E11	15-3	1910	4181	Wed	395/00		USB	(AB/MPJ)
E11	16-3	0745	14865	Thu	221/00		USB	(AB)
E11	16-3	0820	5941	Thu	430/00		USB	(AB-POL)
E11	16-3	0845	18168	Thu	151/00		USB	(AB)
E11	16-3	0930	6940	Thu	275/00		USB	(AB-POL)
E11	16-3	1230	12530	Thu	330/00		USB	(AB/MPJ)
E11	16-3	1730	7864	Thu	412/00		USB	(AB/MPJ)
E11	16-3	1900	7317	Thu	647/00		USB	(AB/MPJ)
E11	16-3	2000	5737	Thu	520/00		USB	(AB)
E11	17-3	0600	8680	Fri	359/00		USB	(AB)
E11	17-3	0700	8180	Fri	579/00		USB	(AB)
E11	17-3	0715	9963	Fri	631/00		USB	(AB)
E11	17-3	0820	5941	Fri	435/00		USB	(AB)
E11	17-3	0830	15905	Fri	184/00		USB	(AB)
E11	17-3	1000	9951	Fri	306/00		USB	(AB)
E11	17-3	1715	6923	Fri	978/00		USB	(AB)
E11	17-3	1815	11116	Fri	929/00		USB	(AB)
E11	17-3	1910	8530	Fri	612/00		USB	(AB)
E11	18-3	0700	9079	Sat	495/00		USB	(AB)
E11	18-3	1530	4505	Sat	367/00		USB	(AB-POL)
E11	18-3	1910	4181	Sat	391/00		USB	(AB)
E11	19-3	0600	8680	Sun	358/00		USB	(AB)
E11	19-3	0700	9079	Sun	496/00		USB	(AB)
E11	19-3	1530	4505	Sun	367/00		USB	(AB)
E11	19-3	1745	13470	Sun	247/00		USB	(AB/MPJ)
E11	19-3	1815	11116	Sun	925/00		USB	(AB/MPJ)
E11	19-3	1910	8530	Sun	612/00		USB	(AB/2PI-G)
E11	19-3	2000	5737	Sun	522/00		USB	(AB)
E11	20-3	0645	14865	Mon	945/00		USB	(AB)
E11	20-3	0745	10213	Mon	266/00		USB	(AB)
E11	20-3	0900	9968	Mon	538/00		USB	(AB)
E11	20-3	1045	10200	Mon	698/00		USB	(AB)
E11	20-3	1300	5371	Mon	310/00		USB	(AB)
E11	20-3	1745	13470	Mon	247/00		USB	(AB)
E11	20-3	1900	7317	Mon	643/00		USB	(AB)
E11	21-3	0645	8423	Tue	519/00		USB	(AB)

E11	21-3	0700	8180	Tue	571/00			USB		(AB)
E11	21-3	0715	9963	Tue	631/00			USB		(AB)
E11	21-3	0745	14865	Tue	229/00			USB		(AB)
E11	21-3	0820	19184	Tue	134/00			USB		(AB)
E11	21-3	0845	18168	Tue	157/00			USB		(AB)
E11	21-3	1430	14972	Tue	910/00			USB		(AB/MPJ)
E11	21-3	1605	5176	Tue	231/00			USB		(AB)
E11	22-3	0645	14865	Wed	944/00			USB		(AB)
E11	22-3	0745	17410	Wed	343/00			USB		(AB-POL)
E11	22-3	0820	19184	Wed	130/00			USB		(AB-POL)
E11	22-3	0900	9968	Wed	537/00			USB		(AB)
E11	22-3	0930	6940	Wed	271/00			USB		(AB)
E11	22-3	1045	10200	Wed	698/00			USB		(AB)
E11	22-3	1715	6923	Wed	974/00			USB		(AB/MPJ)
E11	23-3	0645	8423	Thu	517/00			USB		(AB)
E11	23-3	0745	14865	Thu	224/00			USB		(AB)
E11	23-3	0820	5941	Thu	431/00			USB		(AB-POL)
E11	23-3	0930	6940	Thu	277/00			USB		(AB-POL)
E11	23-3	1300	5371	Thu	310/00			USB		(AB-POL)
E11	23-3	1900	7317	Thu	647/00			USB		(AB/MPJ)
E11	24-3	0600	8680	Fri	358/00			USB		(AB)
E11	24-3	0700	8180	Fri	571/00			USB		(AB)
E11	24-3	0715	9963	Fri	639/00			USB		(AB)
E11	24-3	0745	17410	Fri	348/00			USB		(AB-POL)
E11	24-3	0820	5941	Fri	439/00			USB		(AB)
E11	24-3	1715	6923	Fri	978/00			USB		(AB/MPJ)
E11	24-3	1815	11116	Fri	929/00			USB		(AB)
E11	24-3	1910	8530	Fri	618/00			USB		(AB/MPJ)
E11	25-3	0700	9079	Sat	491/00			USB		(AB)
E11	25-3	1430	14972	Sat	912/00			USB		(AB)
E11	26-3	0600	8680	Sun	351/00			USB		(AB)
E11	26-3	0700	9079	Sun	495/00			USB		(AB)
E11	26-3	1605	5176	Sun	235/00			USB		(AB/MPJ)
E11	26-3	1745	13470	Sun	246/00			USB		(AB)
E11	26-3	1815	11116	Sun	920/00			USB		(AB/MPJ)
E11	26-3	1910	8530	Sun	616/00			USB		(AB)
E11	27-3	0450	5371	Mon	412/00			USB		(AB)
E11	27-3	0645	14865	Mon	949/00			USB		(AB)
E11	27-3	0715	15632	Mon	751/00			USB		(AB)
E11	27-3	0745	10213	Mon	267/00			USB		(AB)
E11	27-3	0830	15905	Mon	185/00			USB		(AB)
E11	27-3	0845	12202	Mon	716/00			USB		(AB)

E11	27-3	0900	9968	Mon	536/00		USB	(AB)
E11	27-3	1045	10200	Mon	696/00		USB	(AB)
E11	27-3	1300	5371	Mon	315/00		USB	(AB-POL/MPJ-AUT)
E11	27-3	1745	13470	Mon	246/00		USB	(AB)
E11	27-3	1900	7317	Mon	648/00		USB	(AB)
E11	28-3	0645	8423	Tue	514/00		USB	(AB)
E11	28-3	0745	14865	Tue	221/00		USB	(AB)
E11	28-3	0820	19184	Tue	134/00		USB	(AB)
E11	28-3	1000	9951	Tue	302/00		USB	(AB)
E11	28-3	1205	6923	Tue	466/00		USB	(AB)
E11	28-3	1230	12530	Tue	332/00		USB	(AB)
E11	28-3	1430	14972	Tue	914/00		USB	(AB)
E11	28-3	1605	5176	Tue	235/00		USB	(AB)
E11	29-3	0315	11581	Wed	251/00		USB	(AB-POL)
E11	29-3	0645	14865	Wed	945/00		USB	(AB)
E11	29-3	0715	15632	Wed	750/00		USB	(AB)
E11	29-3	0745	17410	Wed	347/00		USB	(AB)
E11	29-3	0820	19184	Wed	136/00		USB	(AB-POL)
E11	29-3	0845	12202	Wed	715/00		USB	(AB)
E11	29-3	0900	9968	Wed	534/00		USB	(AB)
E11	29-3	0930	6940	Wed	279/00		USB	(AB)
E11	29-3	1045	10200	Wed	696/00		USB	(AB)
E11	29-3	1205	6923	Wed	463/00		USB	(AB)
E11	29-3	1715	6923	Wed	977/00		USB	(AB/MPJ)
E11	29-3	1910	4181	Wed	399/00		USB	(AB)
E11	30-3	0645	8423	Thu	512/00		USB	(AB)
E11	30-3	0745	14865	Thu	227/00		USB	(AB)
E11	30-3	0820	5941	Thu	438/00		USB	(AB-POL)
E11	30-3	0930	6940	Thu	271/00		USB	(AB)
E11	30-3	1230	12530	Thu	334/00		USB	(AB/MPJ)
E11	30-3	1300	5371	Thu	319/00		USB	(AB-POL)
E11	30-3	1530	10330	Thu	261/00		USB	(AB/MPJ)
E11	30-3	1730	7864	Thu	418/00		USB	(AB/MPJ)
E11	30-3	1900	7317	Thu	644/00		USB	(AB)
E11	30-3	2000	5737	Thu	528/00		USB	(AB)
E11	31-3	0600	8680	Fri	350/00		USB	(AB)
E11	31-3	0745	17410	Fri	347/00		USB	(AB-POL)
E11	31-3	0820	5941	Fri	431/00		USB	(AB)
E11	31-3	0830	15905	Fri	184/00		USB	(AB-POL)
E11	31-3	1000	9951	Fri	302/00		USB	(AB)
E11	31-3	1715	6923	Fri	978/00		USB	(AB)
E11	31-3	1815	11116	Fri	922/00		USB	(AB/MPJ)

E11	31-3	1910	8530	Fri	617/00		USB	(AB)
E11a	1-3	0930	6940	Wed	273/40 Attention 03089 51574 41662 ... 49874 36402 58200 Attention (msg rptd) Out	USB	(AB/HFD)	
E11a	2-3	0820	5941	Thu	430/33 Attention 54291 99509 03226 ... 17905 50303 40027 Attention (msg rptd) Out	USB	(AB/HFD)	
E11a	2-3	0930	6940	Thu	273/40 Attention 03089 51574 41662 ... 49874 36402 58200 Attention (msg rptd) Out	USB	(AB/HFD)	
E11a	3-3	0600	8680	Fri	350/32 Attention 78784 65667 26673 ... 68689 76585 81954 Attention (msg rptd) Out	USB	(AB)	
E11a	3-3	0820	5941	Fri	430/33 Attention 54291 99509 03226 ... 17905 50303 40027 Attention (msg rptd) Out	USB	(AB)	
E11a	3-3	1910	8530	Fri	616/36 Attention 55669 00848 53479 ... 07643 52103 86495 Attention (msg rptd) Out	USB	(AB/MPJ/HFD)	
E11a	5-3	0600	8680	Sun	350/32 Attention 78784 65667 26673 ... 68689 76585 81954 Attention (msg rptd) Out	USB	(AB)	
E11a	5-3	1910	8530	Sun	616/36 Attention 55669 00848 53479 ... 07643 52103 86495 Attention (msg rptd) Out	USB	(AB/XAH/MPJ)	
E11a	6-3	0645	14865	Mon	940/23 Attention 53700 93269 10906 ... 67412 78906 68143 Attention (msg rptd) Out	USB	(AB)	
E11a	6-3	0900	9968	Mon	534/31 Attention 15597 86466 70966 ... 36235 74947 89060 Attention (msg rptd) Out	USB	(AB)	
E11a	6-3	1045	10200	Mon	691/32 Attention 57832 32753 25204 ... 38506 05656 94411 Attention (msg rptd) Out	USB	(AB)	
E11a	6-3	1745	13470	Mon	242/36 Attention 61602 67786 64225 ... 43459 44233 49647 Attention (msg rptd) Out	USB	(AB/MPJ)	
E11a	6-3	1900	7317	Mon	646/35 Attention 70067 79892 32587 ... 11720 70839 52490 Attention (msg rptd) Out	USB	(AB/MPJ)	
E11a	7-3	0745	14865	Tue	229/35 Attention 84430 75804 64839 ... 56956 26840 72843 Attention (msg rptd) Out	USB	(AB)	
E11a	8-3	0645	14865	Wed	940/23 Attention 53700 93269 10906 ... 67412 78906 68143 Attention (msg rptd) Out	USB	(AB)	
E11a	8-3	0900	9968	Wed	534/31 Attention 15597 86466 70966 ... 36235 74947 89060 Attention (msg rptd) Out	USB	(AB)	
E11a	8-3	1045	10200	Wed	691/32 Attention 57832 32753 25204 ... 38506 05656 94411 Attention (msg rptd) Out	USB	(AB)	
E11a	8-3	1715	6923	Wed	977/34 Attention 44182 38985 24263 ... 66368 02344 74024 Attention (msg rptd) Out	USB	(AB/MPJ)	
E11a	9-3	0745	14865	Thu	229/35 Attention 84430 75804 64839 ... 56956 26840 72843 Attention (msg rptd) Out	USB	(AB)	
E11a	9-3	1900	7317	Thu	646/35 Attention 70067 79892 32587 ... 11720 70839 52490 Attention (msg rptd) Out	USB	(AB)	
E11a	10-3	1715	6923	Fri	977/34 Attention 44182 38985 24263 ... 66368 02344 74024 Attention (msg rptd) Out	USB	(AB/MPJ)	
E11a	10-3	1815	11116	Fri	926/32 Attention 20171 16672 51466 ... 38070 48089 76949 Attention (msg rptd) Out	USB	(AB/MPJ)	
E11a	11-3	0700	9079	Sat	496/31 Attention 22488 38933 25906 ... 46475 89459 58487 Attention (msg rptd) Out	USB	(AB)	
E11a	12-3	0700	9079	Sun	496/31 Attention 22488 38933 25906 ... 46475 89459 58487 Attention (msg rptd) Out	USB	(AB)	
E11a	12-3	1745	13470	Sun	242/36 Attention 61602 67786 64225 ... 43459 44233 49647 Attention (msg rptd) Out	USB	(AB/MPJ)	
E11a	12-3	1815	11116	Sun	926/32 Attention 20171 16672 51466 ... 38070 48089 76949 Attention (msg rptd) Out	USB	(AB/MPJ)	
E11a	13-3	0745	10213	Mon	264/35 Attention 95325 90873 68480 ... 51056 03347 19140 Attention (msg rptd) Out	USB	(AB)	
E11a	13-3	1300	5371	Mon	312/34 Attention 25593 62913 80818 ... 08702 01488 78426 Attention (msg rptd) Out	USB	(AB/2PI-FIN)	
E11a	14-3	0645	8423	Tue	512/35 Attention 92801 59368 38412 ... 84953 64449 33407 Attention (msg rptd) Out	USB	(AB)	
E11a	14-3	0820	19184	Tue	136/38 Attention 30222 07957 56596 ... 99841 18103 40996 Attention (msg rptd) Out	USB	(AB)	
E11a	14-3	1430	14972	Tue	910/39 Attention 63436 60114 02757 ... 75598 12011 21959 Attention (msg rptd) Out	USB	(AB)	
E11a	14-3	1605	5176	Tue	236/35 Attention 05732 55088 44288 ... 50715 19699 44615 Attention (msg rptd) Out	USB	(AB)	
E11a	15-3	0745	17410	Wed	346/38 Attention 56559 47620 23440 ... 26168 05137 25657 Attention (msg rptd) Out	USB	(AB-POL)	
E11a	15-3	0820	19184	Wed	136/38 Attention 30222 07957 56596 ... 99841 18103 40996 Attention (msg rptd) Out	USB	(AB-POL)	
E11a	16-3	0645	8423	Thu	512/35 Attention 92801 59368 38412 ... 84953 64449 33407 Attention (msg rptd) Out	USB	(AB)	
E11a	16-3	1300	5371	Thu	312/34 Attention 25593 62913 80818 ... 08702 01488 78426 Attention (msg rptd) Out	USB	(AB-POL)	
E11a	16-3	1530	10330	Thu	264/35 Attention 95325 90873 68480 ... 51056 03347 19140 Attention (msg rptd) Out	USB	(AB/MPJ)	
E11a	17-3	0745	17410	Fri	346/38 Attention 56559 47620 23440 ... 26168 05137 25657 Attention (msg rptd) Out	USB	(AB)	
E11a	18-3	1430	14972	Sat	910/39 Attention 63436 60114 02757 ... 75598 12011 21959 Attention (msg rptd) Out	USB	(AB/XAH)	
E11a	19-3	1605	5176	Sun	236/35 Attention 05732 55088 44288 ... 50715 19699 44615 Attention (msg rptd) Out	USB	(AB/MPJ-POL)	
E11a	20-3	0450	5371	Mon	415/36 Attention 13776 50681 41884 ... 69741 77308 11665 Attention (msg rptd) Out	USB	(AB)	

E11a	20-3	0715	15632	Mon	753/32 Attention 56788 25807 20292 ... 00842 50823 52517 Attention (msg rptd) Out	USB	(AB)
E11a	20-3	0830	15905	Mon	189/33 Attention 52880 40828 99264 ... 98475 76902 36346 Attention (msg rptd) Out	USB	(AB)
E11a	20-3	0845	12202	Mon	719/38 Attention 90419 04985 67169 ... 03892 90332 49804 Attention (msg rptd) Out	USB	(AB)
E11a	21-3	1000	9951	Tue	302/25 Attention 19426 30749 79365 ... 84756 30034 35533 Attention (msg rptd) Out	USB	(AB)
E11a	21-3	1205	6923	Tue	460/39 Attention 90854 71715 21255 ... 90392 48202 47021 Attention (msg rptd) Out	USB	(AB)
E11a	21-3	1230	12530	Tue	331/34 Attention 54893 64941 85828 ... 21866 71602 44024 Attention (msg rptd) Out	USB	(AB/MPJ)
E11a	22-3	0715	15632	Wed	753/32 Attention 56788 25807 20292 ... 00842 50823 52517 Attention (msg rptd) Out	USB	(AB)
E11a	22-3	0845	12202	Wed	719/38 Attention 90419 04985 67169 ... 03892 90332 49804 Attention (msg rptd) Out	USB	(AB)
E11a	22-3	1205	6923	Wed	460/39 Attention 90854 71715 21255 ... 90392 48202 47021 Attention (msg rptd) Out	USB	(AB)
E11a	22-3	1910	12530	Wed	394/39 Attention 66319 11000 58621 ... 51871 15636 28685 Attention (msg rptd) Out	USB	(AB/MPJ)
E11a	23-3	1230	12530	Thu	331/34 Attention 54893 64941 85828 ... 21866 71602 44024 Attention (msg rptd) Out	USB	(AB)
E11a	23-3	2000	5737	Thu	527/33 Attention 63484 83723 39542 ... 23707 99941 64443 Attention (msg rptd) Out	USB	(AB)
E11a	24-3	0830	15905	Fri	189/33 Attention 52890 40828 99264 ... 98475 76902 36346 Attention (msg rptd) Out	USB	(AB-POL)
E11a	24-3	1000	9951	Fri	302/25 Attention 19426 30749 79365 ... 84756 30034 35533 Attention (msg rptd) Out	USB	(AB)
E11a	25-3	1530	4505	Sat	364/36 Attention 95618 80894 15965 ... 41504 22058 84084 Attention (msg rptd) Out	USB	(AB-POL)
E11a	25-3	1910	4181	Sat	394/39 Attention 66319 11000 58621 ... 51871 15636 28685 Attention (msg rptd) Out	USB	(AB)
E11a	26-3	1530	4505	Sun	364/36 Attention 95618 80894 15965 ... 41504 22058 84084 Attention (msg rptd) Out	USB	(AB)
E11a	26-3	2000	5737	Sun	527/33 Attention 63484 83723 39542 ... 23707 99941 64443 Attention (msg rptd) Out	USB	(AB)
E11a	28-3	0700	8180	Tue	571/35 Attention 76292 33112 25359 ... 62974 98350 79508 Attention (msg rptd) Out	USB	(AB)
E11a	28-3	0715	9963	Tue	636/32 Attention 24759 03812 02987 ... 33061 08431 87088 Attention (msg rptd) Out	USB	(AB)
E11a	28-3	0845	18168	Tue	155/36 Attention 71614 66954 04907 ... 85932 00505 78472 Attention (msg rptd) Out	USB	(AB)
E11a	30-3	0845	18168	Thu	155/36 Attention 71614 66954 04907 ... 85932 00505 78472 Attention (msg rptd) Out	USB	(AB)
E11a	31-3	0700	8180	Fri	571/35 Attention 76292 33112 25359 ... 62974 98350 79508 Attention (msg rptd) Out	USB	(AB)
E11a	31-3	0715	9963	Fri	636/32 Attention 24759 03812 02987 ... 33061 08431 87088 Attention (msg rptd) Out	USB	(AB)
EGY	14-3	0830	18450	Tue	MFA Cairo message to OOVF: Egyptian embassy Pyongyang	SITOR-A 100/170	(AB)
EGY	20-3	1400	17415	Mon	MFA Cairo c/g KKYA: Egyptian embassy Lagos	SIOOR-A 100/170	(AB)
EGY	20-3	1403	17415	Mon	MFA Cairo message to 33309: Egyptian embassy Lagos	CODAN-3012	(AB)
F01	1-3	1015	10861	Wed	Russian diplo/intel. 56923 72641 31082 ... 51904 73862 09415 00000 +++++ +++++	FSK 200/500	(AB/HFD)
F01	1-3	1025	8187	Wed	Russian diplo/intel. 56923 72641 31082 ... 51904 73862 09415 00000 +++++ +++++	FSK 200/500	(AB/HFD-RUS)
F01	1-3	1035	6939	Wed	Russian diplo/intel. 56923 72641 31082 ... 51904 73862 09415 00000 +++++ +++++	FSK 200/500	(AB/HFD-RUS)
F01	1-3	1940	10467	Wed	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 100/500	(AB)
F01	1-3	1950	8094	Wed	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 100/500	(AB)
F01	1-3	2000	6779	Wed	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 100/500	(AB)
F01	2-3	1015	10861	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	2-3	1025	8187	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	2-3	1035	6939	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	3-3	1015	10861	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB)
F01	3-3	1025	8187	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB)
F01	3-3	1035	6939	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB)
F01	6-3	1015	10861	Mon	Russian diplo/intel. 98198 32658 82780 ... 06351 48188 12425 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	6-3	1025	8187	Mon	Russian diplo/intel. 98198 32658 82780 ... 06351 48188 12425 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	6-3	1035	6939	Mon	Russian diplo/intel. 98198 32658 82780 ... 06351 48188 12425 00000 +++++ +++++	FSK 200/500	(AB-RUS)

F01	7-3	1015	10861	Tue	Russian diplo/intel. Two messages		FSK 200/500	(AB-RUS)
F01	7-3	1025	8187	Tue	Russian diplo/intel. Two messages		FSK 200/500	(AB-RUS)
F01	7-3	1035	6939	Tue	Russian diplo/intel. Two messages		FSK 200/500	(AB-RUS)
F01	8-3	1015	10861	Wed	Russian diplo/intel. 26500 80255 26330 ... 57379 51825 15413 00000 +++++ +++++		FSK 200/500	(AB)
F01	8-3	1025	8187	Wed	Russian diplo/intel. 26500 80255 26330 ... 57379 51825 15413 00000 +++++ +++++		FSK 200/500	(AB)
F01	8-3	1035	6939	Wed	Russian diplo/intel. 26500 80255 26330 ... 57379 51825 15413 00000 +++++ +++++		FSK 200/500	(AB)
F01	9-3	1015	10861	Thu	Russian diplo/intel. Two messages		FSK 200/500	(AB)
F01	9-3	1025	8187	Thu	Russian diplo/intel. Two messages		FSK 200/500	(AB/2PI-FIN)
F01	9-3	1035	6939	Thu	Russian diplo/intel. Two messages		FSK 200/500	(AB/2PI-FIN)
F01	10-3	1015	10861	Fri	Russian diplo/intel. 5761 00000 +++++ +++++		FSK 200/500	(AB-RUS)
F01	10-3	1025	8187	Fri	Russian diplo/intel. 5761 00000 +++++ +++++		FSK 200/500	(AB-RUS)
F01	10-3	1035	6939	Fri	Russian diplo/intel. 5761 00000 +++++ +++++		FSK 200/500	(AB-RUS)
F01	13-3	1015	10861	Mon	Russian diplo/intel. 01423 37874 96404 ... 66009 12917 18417 00000 +++++		FSK 200/500	(AB-RUS/2PI-FIN)
F01	13-3	1025	8187	Mon	Russian diplo/intel. 01423 37874 96404 ... 66009 12917 18417 00000 +++++		FSK 200/500	(AB-RUS)
F01	13-3	1035	6939	Mon	Russian diplo/intel. 01423 37874 96404 ... 66009 12917 18417 00000 +++++		FSK 200/500	(AB-RUS)
F01	14-3	1015	10861	Tue	Russian diplo/intel. Two messages		FSK 200/500	(AB-RUS/2PI-G)
F01	14-3	1025	8187	Tue	Russian diplo/intel. Two messages		FSK 200/500	(AB-RUS)
F01	14-3	1035	6939	Tue	Russian diplo/intel. Two messages		FSK 200/500	(AB-RUS/2PI-G)
F01	15-3	1015	10861	Wed	Russian diplo/intel. 64325 21779 62767 ... 85262 35815 21403 00000 +++++ +++++		FSK 200/500	(AB)
F01	15-3	1025	8187	Wed	Russian diplo/intel. 64325 21779 62767 ... 85262 35815 21403 00000 +++++ +++++		FSK 200/500	(AB)
F01	15-3	1035	6939	Wed	Russian diplo/intel. 64325 21779 62767 ... 85262 35815 21403 00000 +++++ +++++		FSK 200/500	(AB)
F01	16-3	1015	10861	Thu	Russian diplo/intel. Two messages		FSK 200/500	(AB)
F01	16-3	1025	8187	Thu	Russian diplo/intel. Two messages		FSK 200/500	(AB)
F01	16-3	1035	6939	Thu	Russian diplo/intel. Two messages		FSK 200/500	(AB)
F01	17-3	1015	10861	Fri	Russian diplo/intel. 5761 00000 +++++ +++++		FSK 200/500	(AB-RUS/2PI-FIN)
F01	17-3	1025	8187	Fri	Russian diplo/intel. 5761 00000 +++++ +++++		FSK 200/500	(AB-RUS/2PI-FIN)
F01	17-3	1035	6939	Fri	Russian diplo/intel. 5761 00000 +++++ +++++		FSK 200/500	(AB-RUS/2PI-FIN)
F01	20-3	1015	10861	Mon	Russian diplo/intel. 88390 40362 64498 ... 60401 10171 24405 00000 +++++		FSK 200/500	(AB-RUS)
F01	20-3	1025	8187	Mon	Russian diplo/intel. 88390 40362 64498 ... 60401 10171 24405 00000 +++++		FSK 200/500	(AB-RUS)
F01	20-3	1035	6939	Mon	Russian diplo/intel. 88390 40362 64498 ... 60401 10171 24405 00000 +++++		FSK 200/500	(AB-RUS)
F01	21-3	0930	10607	Tue	Russian diplo/intel. 88361 25803 20293 ... 62359 41746 15156 00000 +++++		FSK 200/500	(linkz)
F01	21-3	0940	13983	Tue	Russian diplo/intel. 88361 25803 20293 ... 62359 41746 15156 00000 +++++		FSK 200/500	(linkz)
F01	21-3	0950	18288	Tue	Russian diplo/intel. 88361 25803 20293 ... 62359 41746 15156 00000 +++++		FSK 200/500	(linkz)
F01	21-3	1015	10861	Tue	Russian diplo/intel. Two messages		FSK 200/500	(AB)
F01	21-3	1025	8187	Tue	Russian diplo/intel. Two messages		FSK 200/500	(AB-RUS/2PI-FIN)
F01	21-3	1035	6939	Tue	Russian diplo/intel. Two messages		FSK 200/500	(AB-RUS/2PI-FIN)
F01	21-3	1100	10826	Tue	Russian diplo/intel. 02196 43070 11111 ... 31902 30810 26050 00000 +++++ +++++		FSK 200/500	(linkz)
F01	21-3	1110	13379	Tue	Russian diplo/intel. 02196 43070 11111 ... 31902 30810 26050 00000 +++++ +++++		FSK 200/500	(linkz)
F01	21-3	1120	16296	Tue	Russian diplo/intel. 02196 43070 11111 ... 31902 30810 26050 00000 +++++ +++++		FSK 200/500	(AB/T101)
F01	21-3	1540	5776	Tue	63293 38015 50549 ... 45445 67877 04054 00000 +++++		FSK 200/1000	(AB)
F01	21-3	1550	9192	Tue	63293 38015 50549 ... 45445 67877 04054 00000 +++++		FSK 200/1000	(AB)
F01	21-3	1600	13439	Tue	63293 38015 50549 ... 45445 67877 04054 00000 +++++		FSK 200/1000	(AB)

F01	22-3	0930	10607	Wed	Russian diplo/intel.		FSK 200/500	(AB)
F01	22-3	0940	13983	Wed	Russian diplo/intel.		FSK 200/500	(AB)
F01	22-3	0950	18288	Wed	Russian diplo/intel.		FSK 200/500	(AB)
F01	22-3	1015	10861	Wed	Russian diplo/intel. 08070 14272 98755 ... 59877 89725 27411 00000 +++++		FSK 200/500	(AB)
F01	22-3	1025	8187	Wed	Russian diplo/intel. 08070 14272 98755 ... 59877 89725 27411 00000 +++++		FSK 200/500	(AB)
F01	22-3	1035	6939	Wed	Russian diplo/intel. 08070 14272 98755 ... 59877 89725 27411 00000 +++++		FSK 200/500	(AB)
F01	22-3	1100	10826	Wed	Russian diplo/intel. 22376 43070 48545 ... 47448 19287 27055 00000		FSK 200/500	(AB)
F01	22-3	1110	13379	Wed	Russian diplo/intel. 22376 43070 48545 ... 47448 19287 27055 00000		FSK 200/500	(AB)
F01	22-3	1120	16296	Wed	Russian diplo/intel. 22376 43070 48545 ... 47448 19287 27055 00000		FSK 200/500	(AB)
F01	22-3	1540	5776	Wed	Russian diplo/intel. 63293 38015 50549 ... 45445 67877 04054 00000 +++++		FSK 200/1000	(AB)
F01	22-3	1550	9192	Wed	Russian diplo/intel. 63293 38015 50549 ... 45445 67877 04054 00000 +++++		FSK 200/1000	(AB)
F01	22-3	1600	13439	Wed	Russian diplo/intel. 63293 38015 50549 ... 45445 67877 04054 00000 +++++		FSK 200/1000	(AB)
F01	23-3	1015	10861	Thu	Russian diplo/intel. Two messages		FSK 200/500	(AB)
F01	23-3	1025	8187	Thu	Russian diplo/intel. Two messages		FSK 200/500	(AB-RUS)
F01	23-3	1035	6939	Thu	Russian diplo/intel. Two messages		FSK 200/500	(AB-RUS)
F01	24-3	1015	10861	Fri	Russian diplo/intel. 5761 00000 +++++ +++++		FSK 200/500	(AB)
F01	24-3	1025	8187	Fri	Russian diplo/intel. 5761 00000 +++++ +++++		FSK 200/500	(AB-RUS)
F01	24-3	1035	6939	Fri	Russian diplo/intel. 5761 00000 +++++ +++++		FSK 200/500	(AB-RUS)
F01	27-3	1015	10861	Mon	Russian diplo/intel. 41585 36322 85522 ... 31789 61703 30415 00000 +++++ +++++		FSK 200/500	(AB-RUS)
F01	27-3	1025	8187	Mon	Russian diplo/intel. 41585 36322 85522 ... 31789 61703 30415 00000 +++++ +++++		FSK 200/500	(AB-RUS)
F01	27-3	1035	6939	Mon	Russian diplo/intel. 41585 36322 85522 ... 31789 61703 30415 00000 +++++ +++++		FSK 200/500	(AB-RUS)
F01	28-3	1015	10861	Tue	Russian diplo/intel. Two messages		FSK 200/500	(AB-RUS)
F01	28-3	1025	8187	Tue	Russian diplo/intel. Two messages		FSK 200/500	(AB-RUS)
F01	28-3	1035	6939	Tue	Russian diplo/intel. Two messages		FSK 200/500	(AB-RUS)
F01	29-3	1015	10861	Wed	Russian diplo/intel. 27545 60731 54764 ... 52833 34270 00000 +++++ +++++		FSK 200/500	(AB)
F01	29-3	1025	8187	Wed	Russian diplo/intel. 27545 60731 54764 ... 52833 34270 00000 +++++ +++++		FSK 200/500	(AB)
F01	29-3	1035	6939	Wed	Russian diplo/intel. 27545 60731 54764 ... 52833 34270 00000 +++++ +++++		FSK 200/500	(AB)
F01	30-3	1015	10861	Thu	Russian diplo/intel. Two messages		FSK 200/500	(AB)
F01	30-3	1025	8187	Thu	Russian diplo/intel. Two messages		FSK 200/500	(AB-RUS)
F01	30-3	1035	6939	Thu	Russian diplo/intel. Two messages		FSK 200/500	(AB-RUS)
F01	31-3	1015	10861	Fri	Russian diplo/intel. 5761 00000 +++++ +++++		FSK 200/500	(AB)
F01	31-3	1025	8187	Fri	Russian diplo/intel. 5761 00000 +++++ +++++		FSK 200/500	(AB-RUS)
F01	31-3	1035	6939	Fri	Russian diplo/intel. 5761 00000 +++++ +++++		FSK 200/500	(AB-RUS)
F02	3-3	0830	16230	Fri	Russian domestic net		MFsk -4/150Bd/4000Hz	(AB)
F02	6-3	0830	12155	Mon	Russian domestic net. QsX 13381 kHz		MFsk -4/150Bd/4000Hz	(AB)
F02	6-3	0830	13391	Mon	Russian domestic net. QsX 12155 kHz		MFsk -4/150Bd/4000Hz	(AB)
F02	6-3	0900	16083	Mon	Russian domestic net		MFsk -4/150Bd/4000Hz	(AB)
F02	7-3	0830	16230	Tue	Russian domestic net		MFsk -4/150Bd/4000Hz	(AB)
F02	13-3	0830	12155	Mon	Russian domestic net. QsX 13381 kHz		MFsk -4/150Bd/4000Hz	(AB)
F02	13-3	0830	13391	Mon	Russian domestic net. QsX 12155 kHz		MFsk -4/150Bd/4000Hz	(AB)
F02	13-3	0845	10861	Mon	Russian domestic net. QsX 11615 kHz		MFsk -4/150Bd/4000Hz	(AB)
F02	13-3	0845	11615	Mon	Russian domestic net. QsX 10861 kHz		MFsk -4/150Bd/4000Hz	(AB)

F02	13-3	0900	16083	Mon	Russian domestic net	MFSK-4/150Bd/4000Hz	(AB)
F02	13-3	1035	18557	Mon	Russian domestic net	MFSK-4/150Bd/4000Hz	(AB)
F02	13-3	1050	18557	Mon	Russian domestic net	MFSK-4/150Bd/4000Hz	(AB)
F02	13-3	1054	14806	Mon	Russian domestic net	MFSK-4/150Bd/4000Hz	(AB)
F02	13-3	1100	14806	Mon	Russian domestic net	MFSK-4/150Bd/4000Hz	(AB)
F02	14-3	0830	16230	Tue	Russian domestic net	MFSK-4/150Bd/4000Hz	(AB)
F02	16-3	1220	12207	Thu	Russian domestic net	MFSK-4/150Bd/4000Hz	(AB)
F02	17-3	0830	16230	Fri	Russian domestic net	MFSK-4/150Bd/4000Hz	(AB)
F02	20-3	0830	12155	Mon	Russian domestic net. QSX 13381 kHz	MFSK-4/150Bd/4000Hz	(AB)
F02	20-3	0830	13391	Mon	Russian domestic net. QSX 12155 kHz	MFSK-4/150Bd/4000Hz	(AB)
F02	20-3	0900	12155	Mon	Russian domestic net. QSX 13381 kHz	MFSK-4/150Bd/4000Hz	(AB)
F02	20-3	0900	13391	Mon	Russian domestic net. QSX 12155 kHz	MFSK-4/150Bd/4000Hz	(AB)
F02	20-3	0900	16083	Mon	Russian domestic net	MFSK-4/150Bd/4000Hz	(AB)
F02	21-3	0650	10826	Tue	Russian domestic net	MFSK-4/150Bd/4000Hz	(AB)
F02	21-3	0650	20441	Tue	Russian domestic net	MFSK-4/150Bd/4000Hz	(AB)
F02	21-3	0805	15651	Tue	Russian domestic net	MFSK-4/150Bd/4000Hz	(AB)
F02	21-3	0810	15807	Tue	Russian domestic net	MFSK-4/150Bd/4000Hz	(AB)
F02	21-3	0900	17426	Tue	Russian domestic net	MFSK-4/150Bd/4000Hz	(AB)
F02	21-3	1020	16232	Tue	Russian domestic net. Also at 1035 UTC	MFSK-4/150Bd/4000Hz	(AB)
F02	21-3	1035	16217	Tue	Russian domestic net. Also at 1038, 1050 UTC	MFSK-4/150Bd/4000Hz	(AB)
F02	21-3	1040	20847	Tue	Russian domestic net. Also at 1050 UTC	MFSK-4/150Bd/4000Hz	(AB)
F02	22-3	0630	16228	Wed	Russian domestic net	MFSK-4/150Bd/4000Hz	(AB)
F02	23-3	0630	16230	Thu	Russian domestic net	MFSK-4/150Bd/4000Hz	(AB)
F02	23-3	0710	11036	Thu	Russian domestic net	MFSK-4/150Bd/4000Hz	(AB)
F02	23-3	0720	14783	Thu	Russian domestic net	MFSK-4/150Bd/4000Hz	(AB)
F02	23-3	0730	18743	Thu	Russian domestic net	MFSK-4/150Bd/4000Hz	(AB)
F02	24-3	0830	16230	Fri	Russian domestic net	MFSK-4/150Bd/4000Hz	(AB)
F02	28-3	0708	20439	Tue	Russian domestic net	MFSK-4/150Bd/4000Hz	(AB)
F02	28-3	0736	20439	Tue	Russian domestic net	MFSK-4/150Bd/4000Hz	(AB)
F02	28-3	0830	16230	Tue	Russian domestic net	MFSK-4/150Bd/4000Hz	(AB)
F02	30-3	1020	17469	Thu	Russian domestic net	MFSK-4/150Bd/4000Hz	(AB)
F02	31-3	0830	16230	Fri	Russian domestic net	MFSK-4/150Bd/4000Hz	(AB)
F03j	1-3	0630	19515	Wed	Polish intel.	FSK-4/100Bd/400Hz/448bp	(AB)
F03j	1-3	0635	19515	Wed	Polish intel.	FSK-4/100Bd/400Hz/448bp	(AB)
F03j	1-3	0950	10210	Wed	Polish intel.	FSK-4/100Bd/400Hz/448bp	(AB)
F03j	1-3	0955	10210	Wed	Polish intel.	FSK-4/100Bd/400Hz/448bp	(AB)
F03j	1-3	1100	6849	Wed	Polish intel.	FSK-4/100Bd/400Hz/448bp	(AB)
F03j	1-3	1105	6849	Wed	Polish intel.	FSK-4/100Bd/400Hz/448bp	(AB)
F03j	2-3	0800	5409	Thu	Polish intel.	FSK-4/100Bd/400Hz/448bp	(AB)
F03j	2-3	0805	5409	Thu	Polish intel.	FSK-4/100Bd/400Hz/448bp	(AB)
F03j	3-3	0800	5409	Fri	Polish intel.	FSK-4/100Bd/400Hz/448bp	(AB)
F03j	3-3	0805	5409	Fri	Polish intel.	FSK-4/100Bd/400Hz/448bp	(AB)

F03j	15-3	0950	10210	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	15-3	0955	10210	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	15-3	1100	6849	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	15-3	1105	6849	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	16-3	0800	5409	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	16-3	0805	5409	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	16-3	0830	18030	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	16-3	0835	18030	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	17-3	0800	5409	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	17-3	0805	5409	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	17-3	0850	9339	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	17-3	0855	9339	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	20-3	0615	16125	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	20-3	0620	16125	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	20-3	0630	19515	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	20-3	0635	19515	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	20-3	0950	10210	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	20-3	0955	10210	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	21-3	0810	9339	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	21-3	0815	9339	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	21-3	0830	18030	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	21-3	0835	18030	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	21-3	1100	6849	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	21-3	1105	6849	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	22-3	0615	16125	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	22-3	0620	16125	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	22-3	0950	10210	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	22-3	0955	10210	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	22-3	1100	6849	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	22-3	1105	6849	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	23-3	0800	5409	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	23-3	0805	5409	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	23-3	0830	18030	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	23-3	0835	18030	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	24-3	0800	5409	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	24-3	0805	5409	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	24-3	0850	9339	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	24-3	0855	9339	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	27-3	0615	16125	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	27-3	0620	16125	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	27-3	0630	19515	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	27-3	0635	19515	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)

F03j	27-3	0950	10210	Mon	Polish intel.		FSK-4 100Bd/400Hz/448bp	(AB)
F03j	27-3	0955	10210	Mon	Polish intel.		FSK-4 100Bd/400Hz/448bp	(AB)
F03j	28-3	0810	9339	Tue	Polish intel.		FSK-4 100Bd/400Hz/448bp	(AB)
F03j	28-3	0815	9339	Tue	Polish intel.		FSK-4 100Bd/400Hz/448bp	(AB)
F03j	28-3	0830	18030	Tue	Polish intel.		FSK-4 100Bd/400Hz/448bp	(AB)
F03j	28-3	0835	18030	Tue	Polish intel.		FSK-4 100Bd/400Hz/448bp	(AB)
F03j	28-3	1100	6849	Tue	Polish intel.		FSK-4 100Bd/400Hz/448bp	(AB)
F03j	28-3	1105	6849	Tue	Polish intel.		FSK-4 100Bd/400Hz/448bp	(AB)
F03j	29-3	0615	16125	Wed	Polish intel.		FSK-4 100Bd/400Hz/448bp	(AB)
F03j	29-3	0620	16125	Wed	Polish intel.		FSK-4 100Bd/400Hz/448bp	(AB)
F03j	29-3	0630	19515	Wed	Polish intel.		FSK-4 100Bd/400Hz/448bp	(AB)
F03j	29-3	0635	19515	Wed	Polish intel.		FSK-4 100Bd/400Hz/448bp	(AB)
F03j	29-3	0950	10210	Wed	Polish intel.		FSK-4 100Bd/400Hz/448bp	(AB)
F03j	29-3	0955	10210	Wed	Polish intel.		FSK-4 100Bd/400Hz/448bp	(AB)
F03j	29-3	1100	6849	Wed	Polish intel.		FSK-4 100Bd/400Hz/448bp	(AB)
F03j	29-3	1105	6849	Wed	Polish intel.		FSK-4 100Bd/400Hz/448bp	(AB)
F03j	30-3	0800	5409	Thu	Polish intel.		FSK-4 100Bd/400Hz/448bp	(AB)
F03j	30-3	0805	5409	Thu	Polish intel.		FSK-4 100Bd/400Hz/448bp	(AB)
F03j	30-3	0830	18030	Thu	Polish intel.		FSK-4 100Bd/400Hz/448bp	(AB)
F03j	30-3	0835	18030	Thu	Polish intel.		FSK-4 100Bd/400Hz/448bp	(AB)
F03j	31-3	0800	5409	Fri	Polish intel.		FSK-4 100Bd/400Hz/448bp	(AB)
F03j	31-3	0805	5409	Fri	Polish intel.		FSK-4 100Bd/400Hz/448bp	(AB)
F03j	31-3	0850	9339	Fri	Polish intel.		FSK-4 100Bd/400Hz/448bp	(AB)
F03j	31-3	0855	9339	Fri	Polish intel.		FSK-4 100Bd/400Hz/448bp	(AB)
F03i	1-3	0430	11104	Wed	Polish intel.		FSK-2 100Bd/200Hz/448bp	(AB)
F03i	1-3	0435	11104	Wed	Polish intel.		FSK-2 100Bd/200Hz/448bp	(AB)
F03i	1-3	0800	18030	Wed	Polish intel.		FSK-2 100Bd/200Hz/448bp	(AB)
F03i	1-3	0805	18030	Wed	Polish intel.		FSK-2 100Bd/200Hz/448bp	(AB)
F03i	1-3	0915	6849	Wed	Polish intel.		FSK-2 100Bd/200Hz/448bp	(AB)
F03i	1-3	0920	6849	Wed	Polish intel.		FSK-2 100Bd/200Hz/448bp	(AB)
F03i	1-3	1010	12153	Wed	Polish intel.		FSK-2 100Bd/200Hz/448bp	(AB)
F03i	1-3	1015	12153	Wed	Polish intel.		FSK-2 100Bd/200Hz/448bp	(AB)
F03i	1-3	1030	11092	Wed	Polish intel.		FSK-2 100Bd/200Hz/448bp	(AB)
F03i	1-3	1035	11092	Wed	Polish intel.		FSK-2 100Bd/200Hz/448bp	(AB)
F03i	1-3	1315	15915	Wed	Polish intel.		FSK-2 100Bd/200Hz/448bp	(AB)
F03i	1-3	1320	15915	Wed	Polish intel.		FSK-2 100Bd/200Hz/448bp	(AB)
F03i	2-3	0430	11104	Thu	Polish intel.		FSK-2 100Bd/200Hz/448bp	(AB)
F03i	2-3	0435	11104	Thu	Polish intel.		FSK-2 100Bd/200Hz/448bp	(AB)
F03i	2-3	0635	14975	Thu	Polish intel.		FSK-2 100Bd/200Hz/448bp	(AB)
F03i	2-3	0640	14975	Thu	Polish intel.		FSK-2 100Bd/200Hz/448bp	(AB)
F03i	2-3	0725	13873	Thu	Polish intel.		FSK-2 100Bd/200Hz/448bp	(AB)
F03i	2-3	0730	13873	Thu	Polish intel.		FSK-2 100Bd/200Hz/448bp	(AB)

F03I	2-3	0735	10641	Thu	Polish intel.		FSK-2 100Bd/200Hz/448bp	(AB)
F03I	2-3	0740	10641	Thu	Polish intel.		FSK-2 100Bd/200Hz/448bp	(AB)
F03I	2-3	0915	6849	Thu	Polish intel.		FSK-2 100Bd/200Hz/448bp	(AB)
F03I	2-3	0920	6849	Thu	Polish intel.		FSK-2 100Bd/200Hz/448bp	(AB)
F03I	2-3	1830	7798	Thu	Polish intel.		FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	2-3	1835	7798	Thu	Polish intel.		FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	3-3	0810	12385	Fri	Polish intel.		FSK-2 100Bd/200Hz/448bp	(AB)
F03I	3-3	0815	12385	Fri	Polish intel.		FSK-2 100Bd/200Hz/448bp	(AB)
F03I	3-3	0930	6397	Fri	Polish intel.		FSK-2 100Bd/200Hz/448bp	(AB)
F03I	3-3	0935	6397	Fri	Polish intel.		FSK-2 100Bd/200Hz/448bp	(AB)
F03I	3-3	0945	6480	Fri	Polish intel.		FSK-2 100Bd/200Hz/448bp	(AB)
F03I	3-3	0950	6480	Fri	Polish intel.		FSK-2 100Bd/200Hz/448bp	(AB)
F03I	3-3	1315	15915	Fri	Polish intel.		FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	3-3	1320	15915	Fri	Polish intel.		FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	3-3	1500	7984	Fri	Polish intel.		FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	3-3	1505	7984	Fri	Polish intel.		FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	6-3	0735	10641	Mon	Polish intel.		FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6-3	0740	10641	Mon	Polish intel.		FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6-3	0810	12385	Mon	Polish intel.		FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6-3	0815	12385	Mon	Polish intel.		FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6-3	0930	6397	Mon	Polish intel.		FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6-3	0935	6397	Mon	Polish intel.		FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6-3	1010	12153	Mon	Polish intel.		FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6-3	1015	12153	Mon	Polish intel.		FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6-3	1030	11092	Mon	Polish intel.		FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6-3	1035	11092	Mon	Polish intel.		FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6-3	1830	7798	Mon	Polish intel.		FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	6-3	1835	7798	Mon	Polish intel.		FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	7-3	0635	14975	Tue	Polish intel.		FSK-2 100Bd/200Hz/448bp	(AB)
F03I	7-3	0640	14975	Tue	Polish intel.		FSK-2 100Bd/200Hz/448bp	(AB)
F03I	7-3	0725	13873	Tue	Polish intel.		FSK-2 100Bd/200Hz/448bp	(AB)
F03I	7-3	0730	13873	Tue	Polish intel.		FSK-2 100Bd/200Hz/448bp	(AB)
F03I	7-3	0800	18030	Tue	Polish intel.		FSK-2 100Bd/200Hz/448bp	(AB)
F03I	7-3	0805	18030	Tue	Polish intel.		FSK-2 100Bd/200Hz/448bp	(AB)
F03I	7-3	0945	6480	Tue	Polish intel.		FSK-2 100Bd/200Hz/448bp	(AB)
F03I	7-3	0950	6480	Tue	Polish intel.		FSK-2 100Bd/200Hz/448bp	(AB)
F03I	7-3	1500	7984	Tue	Polish intel.		FSK-2 100Bd/200Hz/448bp	(AB)
F03I	7-3	1505	7984	Tue	Polish intel.		FSK-2 100Bd/200Hz/448bp	(AB)
F03I	8-3	0430	11104	Wed	Polish intel.		FSK-2 100Bd/200Hz/448bp	(AB)
F03I	8-3	0435	11104	Wed	Polish intel.		FSK-2 100Bd/200Hz/448bp	(AB)
F03I	8-3	0800	18030	Wed	Polish intel.		FSK-2 100Bd/200Hz/448bp	(AB)
F03I	8-3	0805	18030	Wed	Polish intel.		FSK-2 100Bd/200Hz/448bp	(AB)

F03I	17-3	0945	6480	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	17-3	0950	6480	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	17-3	1315	15915	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	17-3	1320	15915	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	17-3	1500	7984	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	17-3	1505	7984	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	20-3	0735	10641	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	20-3	0740	10641	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	20-3	0810	12385	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	20-3	0815	12385	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	20-3	0930	6397	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	20-3	0935	6397	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	20-3	1010	12153	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	20-3	1015	12153	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	20-3	1030	11092	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	20-3	1035	11092	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	20-3	1830	7798	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	20-3	1835	7798	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	21-3	0615	6304	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	21-3	0620	6304	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	21-3	0635	14975	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	21-3	0640	14975	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	21-3	0725	13873	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	21-3	0730	13873	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	21-3	0800	18030	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	21-3	0805	18030	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	21-3	0945	6480	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	21-3	0950	6480	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	21-3	1500	7984	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	21-3	1505	7984	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	22-3	0800	18030	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	22-3	0805	18030	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	22-3	0915	6849	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	22-3	0920	6849	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	22-3	1010	12153	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	22-3	1015	12153	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	22-3	1030	11092	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	22-3	1035	11092	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	22-3	1315	15915	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	22-3	1320	15915	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	23-3	0430	11104	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	23-3	0435	11104	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)

F03I	23-3	0615	6304	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	23-3	0620	6304	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	23-3	0635	14975	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	23-3	0640	14975	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	23-3	0725	13873	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	23-3	0730	13873	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	23-3	0735	10641	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	23-3	0740	10641	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	23-3	0915	6849	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	23-3	0920	6849	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	23-3	1830	7798	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	23-3	1835	7798	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	24-3	0810	12385	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	24-3	0815	12385	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	24-3	0930	6397	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	24-3	0935	6397	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	24-3	0945	6480	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	24-3	0945	6480	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	24-3	0950	6480	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	24-3	0950	6480	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	24-3	1315	15915	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	24-3	1320	15915	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	24-3	1500	7984	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	24-3	1505	7984	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	27-3	0735	10641	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	27-3	0740	10641	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	27-3	0810	12385	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	27-3	0815	12385	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	27-3	0930	6397	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	27-3	0935	6397	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	27-3	1010	12153	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	27-3	1015	12153	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	27-3	1030	11092	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	27-3	1035	11092	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	27-3	1830	7798	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	27-3	1835	7798	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	28-3	0615	6304	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	28-3	0620	6304	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	28-3	0635	14975	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	28-3	0640	14975	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	28-3	0725	13873	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	28-3	0730	13873	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)

F06	1-3	0600	18189	Wed	Russian diplo/intel. 11166 40122 56789 25044 03649	FSK 600/1000	(AB-RUS)
F06	1-3	0610	16046	Wed	Russian diplo/intel. 11166 40122 56789 25044 03649	FSK 600/1000	(AB-RUS)
F06	1-3	0620	14459	Wed	Russian diplo/intel. 11166 40122 56789 25044 03649	FSK 600/1000	(AB-RUS)
F06	1-3	0700	10671	Wed	Russian diplo/intel. 11166 70202 97452 28040 02139	FSK 200/1000	(AB)
F06	1-3	0710	8093	Wed	Russian diplo/intel. 11166 70202 97452 28040 02139	FSK 200/1000	(AB)
F06	1-3	0720	6879	Wed	Russian diplo/intel. 11166 70202 97452 28040 02139	FSK 200/1000	(AB)
F06	1-3	1200	11428	Wed	Russian diplo/intel. 11166 70202 97452 28040 02139	FSK 200/1000	(AB)
F06	1-3	1210	8026	Wed	Russian diplo/intel. 11166 70202 97452 28040 02139	FSK 200/1000	(AB-RUS)
F06	1-3	1220	6884	Wed	Russian diplo/intel. 11166 70202 97452 28040 02139	FSK 200/1000	(AB-RUS)
F06	2-3	0600	18189	Thu	Russian diplo/intel. 11166 40122 56789 25044 03649	FSK 600/1000	(AB-RUS)
F06	2-3	0610	16046	Thu	Russian diplo/intel. 11166 40122 56789 25044 03649	FSK 600/1000	(AB-RUS)
F06	2-3	0620	14459	Thu	Russian diplo/intel. 11166 40122 56789 25044 03649	FSK 600/1000	(AB-RUS)
F06	2-3	0700	10671	Thu	Russian diplo/intel. 11166 70202 63421 01041 02159 and 11166 70202 54316 01042 01979	FSK 200/1000	(AB)
F06	2-3	0710	8093	Thu	Russian diplo/intel. 11166 70202 63421 01041 02159 and 11166 70202 54316 01042 01979	FSK 200/1000	(AB-RUS)
F06	2-3	0720	6879	Thu	Russian diplo/intel. 11166 70202 63421 01041 02159 and 11166 70202 54316 01042 01979	FSK 200/1000	(AB-RUS)
F06	2-3	1200	11428	Thu	Russian diplo/intel. 11166 70202 63421 01041 02159 and 11166 70202 54316 01042 01979	FSK 200/1000	(AB)
F06	2-3	1210	8026	Thu	Russian diplo/intel. 11166 70202 63421 01041 02159 and 11166 70202 54316 01042 01979	FSK 200/1000	(AB-RUS)
F06	2-3	1220	6884	Thu	Russian diplo/intel. 11166 70202 63421 01041 02159 and 11166 70202 54316 01042 01979	FSK 200/1000	(AB-RUS)
F06	2-3	1340	19353	Thu	Russian diplo/intel. 11166 80214 69457 02034 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	2-3	1350	14375	Thu	Russian diplo/intel. 11166 80214 69457 02034 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	3-3	0700	10671	Fri	Russian diplo/intel. 11166 70202 52367 03256 00049 00000 00000 00000	FSK 200/1000	(AB)
F06	3-3	0710	8093	Fri	Russian diplo/intel. 11166 70202 52367 03256 00049 00000 00000 00000	FSK 200/1000	(AB-RUS)
F06	3-3	0720	6879	Fri	Russian diplo/intel. 11166 70202 52367 03256 00049 00000 00000 00000	FSK 200/1000	(AB-RUS)
F06	4-3	1400	9064	Sat	Russian diplo/intel. 11100 00000 98124 03066 01559	FSK 100/1000	(AB-POL)
F06	4-3	1410	6923	Sat	Russian diplo/intel. 11100 00000 98124 03066 01559	FSK 100/1000	(AB-RUS)
F06	4-3	1420	4565	Sat	Russian diplo/intel. 11100 00000 98124 03066 01559	FSK 100/1000	(AB-RUS)
F06	5-3	1030	11611	Sun	Russian diplo/intel. 11100 00000 98124 03066 01559	FSK 100/1000	(AB)
F06	5-3	1040	9425	Sun	Russian diplo/intel. 11100 00000 98124 03066 01559	FSK 100/1000	(AB-POL)
F06	5-3	1050	6957	Sun	Russian diplo/intel. 11100 00000 98124 03066 01559	FSK 100/1000	(AB-POL)
F06	5-3	1530	20156	Sun	Russian diplo/intel. 11166 10053 13674 05001 00049 00000 00000 00000 00000	FSK 100/1000	(AB)
F06	5-3	1540	17531	Sun	Russian diplo/intel. 11166 10053 13674 05001 00049 00000 00000 00000 00000	FSK 100/1000	(AB)
F06	5-3	1550	13476	Sun	Russian diplo/intel. 11166 10053 13674 05001 00049 00000 00000 00000 00000	FSK 100/1000	(AB)
F06	6-3	0500	9174	Mon	Russian diplo/intel. 11166 70059 32485 06001 00049 00000 00000 00000 00000	FSK 100/1000	(AB)
F06	6-3	0510	7384	Mon	Russian diplo/intel. 11166 70059 32485 06001 00049 00000 00000 00000 00000	FSK 100/1000	(AB)
F06	6-3	0520	5148	Mon	Russian diplo/intel. 11166 70059 32485 06001 00049 00000 00000 00000 00000	FSK 100/1000	(AB)
F06	6-3	0700	10671	Mon	Russian diplo/intel. 11166 70202 56423 03043 02419	FSK 200/1000	(AB)
F06	6-3	0710	8093	Mon	Russian diplo/intel. 11166 70202 56423 03043 02419	FSK 200/1000	(AB)
F06	6-3	0720	6879	Mon	Russian diplo/intel. 11166 70202 56423 03043 02419	FSK 200/1000	(AB)
F06	6-3	1200	11428	Mon	Russian diplo/intel. 11166 70202 56423 03043 02419	FSK 200/1000	(AB)
F06	6-3	1210	8026	Mon	Russian diplo/intel. 11166 70202 56423 03043 02419	FSK 200/1000	(AB-RUS)
F06	6-3	1220	6884	Mon	Russian diplo/intel. 11166 70202 56423 03043 02419	FSK 200/1000	(AB-RUS)
F06	7-3	0700	10671	Tue	Russian diplo/intel. 11166 70202 31267 06044 02179 and 11166 70202 83216 06045 01939	FSK 200/1000	(AB-RUS)

F06	7-3	0710	8093	Tue	Russian diplo/intel. 11166 70202 31267 06044 02179 and 11166 70202 83216 06045 01939	FSK 200/1000	(AB-RUS)
F06	7-3	0720	6879	Tue	Russian diplo/intel. 11166 70202 31267 06044 02179 and 11166 70202 83216 06045 01939	FSK 200/1000	(AB-RUS)
F06	7-3	1200	11428	Tue	Russian diplo/intel. 11166 70202 31267 06044 02179 and 11166 70202 83216 06045 01939	FSK 200/1000	(AB)
F06	7-3	1210	8026	Tue	Russian diplo/intel. 11166 70202 31267 06044 02179 and 11166 70202 83216 06045 01939	FSK 200/1000	(AB-RUS/2P1-S)
F06	7-3	1220	6884	Tue	Russian diplo/intel. 11166 70202 31267 06044 02179 and 11166 70202 83216 06045 01939	FSK 200/1000	(AB-RUS)
F06	7-3	1250	9088	Tue	Russian diplo/intel. 11166 30154 24879 07082 00049 00000 00000 00000	FSK 200/1000	(T101)
F06	7-3	1650	17445	Tue	Russian diplo/intel. 11166 10053 45867 07001 00049 00000 00000 00000	FSK 200/1000	(AB)
F06	7-3	1700	12211	Tue	Russian diplo/intel. 11166 10053 45867 07001 00049 00000 00000 00000	FSK 200/1000	(AB)
F06	7-3	1710	10173	Tue	Russian diplo/intel. 11166 10053 45867 07001 00049 00000 00000 00000	FSK 200/1000	(AB)
F06	8-3	0600	18189	Wed	Russian diplo/intel. 11166 40122 23865 04045 03169 and 11166 40122 54987 04046 02209	FSK 600/1000	(AB-RUS)
F06	8-3	0610	16046	Wed	Russian diplo/intel. 11166 40122 23865 04045 03169 and 11166 40122 54987 04046 02209	FSK 600/1000	(AB-RUS)
F06	8-3	0620	14459	Wed	Russian diplo/intel. 11166 40122 23865 04045 03169 and 11166 40122 54987 04046 02209	FSK 600/1000	(AB-RUS)
F06	8-3	0700	10671	Wed	Russian diplo/intel. 11166 70202 26517 07046 02219	FSK 200/1000	(AB-RUS)
F06	8-3	0710	8093	Wed	Russian diplo/intel. 11166 70202 26517 07046 02219	FSK 200/1000	(AB-RUS)
F06	8-3	0720	6879	Wed	Russian diplo/intel. 11166 70202 26517 07046 02219	FSK 200/1000	(AB-RUS)
F06	8-3	1015	22884	Wed	Russian diplo/intel. 11166 40023 78051 08001 00049 00000 00000 00000	FSK 200/1000	(AB)
F06	8-3	1030	17469	Wed	Russian diplo/intel. 11166 40023 78051 08001 00049 00000 00000 00000	FSK 200/1000	(AB)
F06	8-3	1040	15876	Wed	Russian diplo/intel. 11166 40023 78051 08001 00049 00000 00000 00000	FSK 200/1000	(AB)
F06	8-3	1200	11428	Wed	Russian diplo/intel. 11166 70202 26517 07046 02219	FSK 200/1000	(AB/MP1-AUT/2P1-S)
F06	8-3	1210	8026	Wed	Russian diplo/intel. 11166 70202 26517 07046 02219	FSK 200/1000	(AB-RUS/MP1-AUT)
F06	8-3	1220	6884	Wed	Russian diplo/intel. 11166 70202 26517 07046 02219	FSK 200/1000	(AB-RUS/MP1-AUT)
F06	9-3	0600	18189	Thu	Russian diplo/intel. 11166 40122 23865 04045 03169 and 11166 40122 54987 04046 02209	FSK 600/1000	(AB-KOR)
F06	9-3	0610	16046	Thu	Russian diplo/intel. 11166 40122 23865 04045 03169 and 11166 40122 54987 04046 02209	FSK 600/1000	(AB-RUS)
F06	9-3	0620	14459	Thu	Russian diplo/intel. 11166 40122 23865 04045 03169 and 11166 40122 54987 04046 02209	FSK 600/1000	(AB-RUS)
F06	9-3	0700	10671	Thu	Russian diplo/intel. 11166 70202 24916 07047 01859 and 11166 70202 71953 07048 01779	FSK 200/1000	(AB-RUS)
F06	9-3	0710	8093	Thu	Russian diplo/intel. 11166 70202 24916 07047 01859 and 11166 70202 71953 07048 01779	FSK 200/1000	(AB-RUS)
F06	9-3	0720	6879	Thu	Russian diplo/intel. 11166 70202 24916 07047 01859 and 11166 70202 71953 07048 01779	FSK 200/1000	(AB-RUS)
F06	9-3	1200	11428	Thu	Russian diplo/intel. 11166 70202 24916 07047 01859 and 11166 70202 71953 07048 01779	FSK 200/1000	(AB)
F06	9-3	1210	8026	Thu	Russian diplo/intel. 11166 70202 24916 07047 01859 and 11166 70202 71953 07048 01779	FSK 200/1000	(AB-RUS)
F06	9-3	1220	6884	Thu	Russian diplo/intel. 11166 70202 24916 07047 01859 and 11166 70202 71953 07048 01779	FSK 200/1000	(AB-RUS)
F06	9-3	1330	20219	Thu	Russian diplo/intel. 11166 80214 13856 09078 00049 00000 00000 00000	FSK 200/1000	(AB)
F06	9-3	1340	19353	Thu	Russian diplo/intel. 11166 80214 13856 09078 00049 00000 00000 00000	FSK 200/1000	(AB)
F06	9-3	1350	14375	Thu	Russian diplo/intel. 11166 80214 13856 09078 00049 00000 00000 00000	FSK 200/1000	(AB)
F06	10-3	0700	10671	Fri	Russian diplo/intel. 11166 70202 79462 09079 00049 00000 00000 00000	FSK 200/1000	(AB)
F06	10-3	0710	8093	Fri	Russian diplo/intel. 11166 70202 79462 09079 00049 00000 00000 00000	FSK 200/1000	(AB-RUS)
F06	10-3	0720	6879	Fri	Russian diplo/intel. 11166 70202 79462 09079 00049 00000 00000 00000	FSK 200/1000	(AB-RUS)
F06	11-3	1400	9064	Sat	Russian diplo/intel. 11100 00000 54216 10067 01599	FSK 100/1000	(AB-POL)
F06	11-3	1410	6923	Sat	Russian diplo/intel. 11100 00000 54216 10067 01599	FSK 100/1000	(AB-RUS)
F06	11-3	1420	4565	Sat	Russian diplo/intel. 11100 00000 54216 10067 01599	FSK 100/1000	(AB-RUS)
F06	12-3	1030	11611	Sun	Russian diplo/intel. 11100 00000 54216 10067 01599	FSK 100/1000	(AB)
F06	12-3	1040	9425	Sun	Russian diplo/intel. 11100 00000 54216 10067 01599	FSK 100/1000	(AB-POL)
F06	12-3	1050	6957	Sun	Russian diplo/intel. 11100 00000 54216 10067 01599	FSK 100/1000	(AB-POL)

F06	12-3	1530	20156	Sun	Russian diplo/intel. 11166 10053 12457 12089 00049 00000 00000 00000 00000	FSK 100/1000	(AB/2PI-FIN)
F06	12-3	1540	17531	Sun	Russian diplo/intel. 11166 10053 12457 12089 00049 00000 00000 00000 00000	FSK 100/1000	(AB/2PI-FIN)
F06	12-3	1550	13476	Sun	Russian diplo/intel. 11166 10053 12457 12089 00049 00000 00000 00000 00000	FSK 100/1000	(AB/2PI-FIN)
F06	13-3	0700	10671	Mon	Russian diplo/intel. 11166 70202 17468 10049 02079	FSK 200/1000	(AB)
F06	13-3	0710	8093	Mon	Russian diplo/intel. 11166 70202 17468 10049 02079	FSK 200/1000	(AB)
F06	13-3	0720	6879	Mon	Russian diplo/intel. 11166 70202 17468 10049 02079	FSK 200/1000	(AB)
F06	13-3	1200	11428	Mon	Russian diplo/intel. 11166 70202 17468 10049 02079	FSK 200/1000	(AB/2PI-FIN)
F06	13-3	1210	8026	Mon	Russian diplo/intel. 11166 70202 17468 10049 02079	FSK 200/1000	(AB-RUS)
F06	13-3	1220	6884	Mon	Russian diplo/intel. 11166 70202 17468 10049 02079	FSK 200/1000	(AB-RUS)
F06	14-3	0030	11431	Tue	Russian diplo/intel. 11166 60070 37546 14001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	14-3	0040	8127	Tue	Russian diplo/intel. 11166 60070 37546 14001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	14-3	0050	7893	Tue	Russian diplo/intel. 11166 60070 37546 14001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	14-3	0700	10671	Tue	Russian diplo/intel. 11166 70202 74185 13050 01779 and 11166 70202 64521 13051 01879	FSK 200/1000	(AB-RUS)
F06	14-3	0710	8093	Tue	Russian diplo/intel. 11166 70202 74185 13050 01779 and 11166 70202 64521 13051 01879	FSK 200/1000	(AB-RUS)
F06	14-3	0720	6879	Tue	Russian diplo/intel. 11166 70202 74185 13050 01779 and 11166 70202 64521 13051 01879	FSK 200/1000	(AB-RUS)
F06	14-3	1200	11428	Tue	Russian diplo/intel. 11166 70202 74185 13050 01779 and 11166 70202 64521 13051 01879	FSK 200/1000	(AB/MPJ)
F06	14-3	1210	8026	Tue	Russian diplo/intel. 11166 70202 74185 13050 01779 and 11166 70202 64521 13051 01879	FSK 200/1000	(AB-RUS/MPJ)
F06	14-3	1220	6884	Tue	Russian diplo/intel. 11166 70202 74185 13050 01779 and 11166 70202 64521 13051 01879	FSK 200/1000	(AB-RUS/MPJ)
F06	14-3	1250	9088	Tue	Russian diplo/intel. 11166 30154 14567 14038 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	14-3	1650	17445	Tue	Russian diplo/intel. 11166 10053 14679 14001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	14-3	1700	12211	Tue	Russian diplo/intel. 11166 10053 14679 14001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	14-3	1710	10173	Tue	Russian diplo/intel. 11166 10053 14679 14001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	15-3	0600	18189	Wed	Russian diplo/intel. 11166 40122 12345 15054 00049 00000 00000 00000 00000	FSK 600/1000	(AB-RUS)
F06	15-3	0610	16046	Wed	Russian diplo/intel. 11166 40122 12345 15054 00049 00000 00000 00000 00000	FSK 600/1000	(AB-RUS)
F06	15-3	0620	14459	Wed	Russian diplo/intel. 11166 40122 12345 15054 00049 00000 00000 00000 00000	FSK 600/1000	(AB-RUS)
F06	15-3	0700	10671	Wed	Russian diplo/intel. 11166 70202 54871 14052 02159	FSK 200/1000	(AB-RUS)
F06	15-3	0710	8093	Wed	Russian diplo/intel. 11166 70202 54871 14052 02159	FSK 200/1000	(AB-RUS)
F06	15-3	0720	6879	Wed	Russian diplo/intel. 11166 70202 54871 14052 02159	FSK 200/1000	(AB-RUS)
F06	15-3	1200	11428	Wed	Russian diplo/intel. 11166 70202 54871 14052 02159	FSK 200/1000	(AB)
F06	15-3	1210	8026	Wed	Russian diplo/intel. 11166 70202 54871 14052 02159	FSK 200/1000	(AB-RUS)
F06	15-3	1220	6884	Wed	Russian diplo/intel. 11166 70202 54871 14052 02159	FSK 200/1000	(AB-RUS)
F06	16-3	0700	10671	Thu	Russian diplo/intel. 11166 70202 92587 15053 01479 and 11166 70202 87451 15054 02559	FSK 200/1000	(AB-RUS)
F06	16-3	0710	8093	Thu	Russian diplo/intel. 11166 70202 92587 15053 01479 and 11166 70202 87451 15054 02559	FSK 200/1000	(AB-RUS)
F06	16-3	0720	6879	Thu	Russian diplo/intel. 11166 70202 92587 15053 01479 and 11166 70202 87451 15054 02559	FSK 200/1000	(AB-RUS)
F06	16-3	1200	11428	Thu	Russian diplo/intel. 11166 70202 92587 15053 01479 and 11166 70202 87451 15054 02559	FSK 200/1000	(AB/MPJ-FIN/2PA-FIN)
F06	16-3	1210	8026	Thu	Russian diplo/intel. 11166 70202 92587 15053 01479 and 11166 70202 87451 15054 02559	FSK 200/1000	(AB-RUS/MPJ-FIN)
F06	16-3	1220	6884	Thu	Russian diplo/intel. 11166 70202 92587 15053 01479 and 11166 70202 87451 15054 02559	FSK 200/1000	(AB-RUS/MPJ-FIN)
F06	16-3	1330	20219	Thu	Russian diplo/intel. 11166 80214 54782 15033 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	16-3	1340	19353	Thu	Russian diplo/intel. 11166 80214 54782 15033 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	16-3	1350	14375	Thu	Russian diplo/intel. 11166 80214 54782 15033 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	17-3	0700	10671	Fri	Russian diplo/intel. 11166 70202 82459 17014 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	17-3	0710	8093	Fri	Russian diplo/intel. 11166 70202 82459 17014 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS)

F06	17-3	0720	6879	Fri	Russian diplo/intel, 11166 70202 82459 17014 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS)
F06	18-3	1400	9064	Sat	Russian diplo/intel, 11100 00000 96512 17068 01779	FSK 100/1000	(AB)
F06	18-3	1410	6923	Sat	Russian diplo/intel, 11100 00000 96512 17068 01779	FSK 100/1000	(AB-RUS)
F06	18-3	1420	4565	Sat	Russian diplo/intel, 11100 00000 96512 17068 01779	FSK 100/1000	(AB-RUS)
F06	19-3	1030	11611	Sun	Russian diplo/intel, 11100 00000 96512 17068 01779	FSK 100/1000	(AB)
F06	19-3	1040	9425	Sun	Russian diplo/intel, 11100 00000 96512 17068 01779	FSK 100/1000	(AB-POL)
F06	19-3	1050	6957	Sun	Russian diplo/intel, 11100 00000 96512 17068 01779	FSK 100/1000	(AB-POL)
F06	19-3	1530	20156	Sun	Russian diplo/intel, 11166 10053 78963 19001 00049 00000 00000 00000 00000	FSK 100/1000	(AB)
F06	19-3	1540	17531	Sun	Russian diplo/intel, 11166 10053 78963 19001 00049 00000 00000 00000 00000	FSK 100/1000	(AB)
F06	19-3	1550	13476	Sun	Russian diplo/intel, 11166 10053 78963 19001 00049 00000 00000 00000 00000	FSK 100/1000	(AB)
F06	20-3	0500	9174	Mon	Russian diplo/intel, 11166 70059 74123 20001 00049 00000 00000 00000 00000	FSK 100/1000	(AB)
F06	20-3	0510	7384	Mon	Russian diplo/intel, 11166 70059 74123 20001 00049 00000 00000 00000 00000	FSK 100/1000	(AB)
F06	20-3	0520	5148	Mon	Russian diplo/intel, 11166 70059 74123 20001 00049 00000 00000 00000 00000	FSK 100/1000	(AB)
F06	20-3	0700	10671	Mon	Russian diplo/intel, 11166 70202 97812 17055 02059	FSK 200/1000	(AB)
F06	20-3	0710	8093	Mon	Russian diplo/intel, 11166 70202 97812 17055 02059	FSK 200/1000	(AB)
F06	20-3	0720	6879	Mon	Russian diplo/intel, 11166 70202 97812 17055 02059	FSK 200/1000	(AB)
F06	20-3	1020	12089	Mon	Russian diplo/intel, 11100 00000 81729 17068 03059 and 11100 00000 17853 17069 03079	FSK 200/1000	(PY)
F06	20-3	1200	11428	Mon	Russian diplo/intel, 11166 70202 97812 17055 02059	FSK 200/1000	(AB)
F06	20-3	1210	8026	Mon	Russian diplo/intel, 11166 70202 97812 17055 02059	FSK 200/1000	(AB-RUS)
F06	20-3	1220	6884	Mon	Russian diplo/intel, 11166 70202 97812 17055 02059	FSK 200/1000	(AB-RUS)
F06	20-3	1300	15634	Mon	Russian diplo/intel, 11100 00000 81729 17068 03059 and 11100 00000 17853 17069 03079	FSK 200/1000	(AB)
F06	20-3	1310	13395	Mon	Russian diplo/intel, 11100 00000 81729 17068 03059 and 11100 00000 17853 17069 03079	FSK 200/1000	(AB)
F06	20-3	1320	10563	Mon	Russian diplo/intel, 11100 00000 81729 17068 03059 and 11100 00000 17853 17069 03079	FSK 200/1000	(AB)
F06	21-3	0030	11431	Tue	Russian diplo/intel, 11166 60070 98765 21078 00049 00000 00000 00000	FSK 200/1000	(AB)
F06	21-3	0040	8127	Tue	Russian diplo/intel, 11166 60070 98765 21078 00049 00000 00000 00000	FSK 200/1000	(AB)
F06	21-3	0050	7893	Tue	Russian diplo/intel, 11166 60070 98765 21078 00049 00000 00000 00000	FSK 200/1000	(AB)
F06	21-3	0700	10671	Tue	Russian diplo/intel, 11166 70202 61873 20056 01419 and 11166 70202 29156 20057 02359	FSK 200/1000	(AB)
F06	21-3	0710	8093	Tue	Russian diplo/intel, 11166 70202 61873 20056 01419 and 11166 70202 29156 20057 02359	FSK 200/1000	(AB-RUS)
F06	21-3	0720	6879	Tue	Russian diplo/intel, 11166 70202 61873 20056 01419 and 11166 70202 29156 20057 02359	FSK 200/1000	(AB-RUS)
F06	21-3	1000	14561	Tue	Russian diplo/intel, 11166 00000 93751 21034 00049 00000 00000 00000	FSK 200/1000	(linkz)
F06	21-3	1010	13395	Tue	Russian diplo/intel, 11166 00000 93751 21034 00049 00000 00000 00000	FSK 200/1000	(linkz)
F06	21-3	1020	12089	Tue	Russian diplo/intel, 11166 00000 93751 21034 00049 00000 00000 00000	FSK 200/1000	(linkz)
F06	21-3	1030	13418	Tue	Russian diplo/intel, 11166 30132 78451 21001 02059	FSK 200/1000	(PY)
F06	21-3	1040	12067	Tue	Russian diplo/intel, 11166 30132 78451 21001 02059	FSK 200/1000	(PY)
F06	21-3	1050	11049	Tue	Russian diplo/intel, 11166 30132 78451 21001 02059	FSK 200/1000	(PY)
F06	21-3	1200	11428	Tue	Russian diplo/intel, 11166 70202 61873 20056 01419 and 11166 70202 29156 20057 02359	FSK 200/1000	(AB/MP1-FIN/2PI-FIN)
F06	21-3	1210	8026	Tue	Russian diplo/intel, 11166 70202 61873 20056 01419 and 11166 70202 29156 20057 02359	FSK 200/1000	(AB-RUS/MP1-FIN/2PI-FIN)
F06	21-3	1220	6884	Tue	Russian diplo/intel, 11166 70202 61873 20056 01419 and 11166 70202 29156 20057 02359	FSK 200/1000	(AB-RUS/MP1-FIN)
F06	21-3	1230	16321	Tue	Russian diplo/intel, 11166 30154 98765 21069 00049 00000 00000 00000	FSK 200/1000	(TT101)
F06	21-3	1240	12086	Tue	Russian diplo/intel, 11166 30154 98765 21069 00049 00000 00000 00000	FSK 200/1000	(PY)
F06	21-3	1250	9088	Tue	Russian diplo/intel, 11166 30154 98765 21069 00049 00000 00000 00000	FSK 200/1000	(AB-RUS/PY)
F06	21-3	1400	19825	Tue	Russian diplo/intel, 11166 10064 56802 21001 01069.	FSK 200/1000	(linkz)

				Mixed with another F06 transmission		
F06	21-3	1400	19825	Tue	Russian diplo/intel, 11166 00030 96821 21004 00969. Mixed with another F06 transmission	FSK 200/1000 (linkz)
F06	21-3	1410	17453	Tue	Russian diplo/intel, 11166 00030 96821 21004 00969	FSK 200/1000 (linkz)
F06	21-3	1410	17516	Tue	Russian diplo/intel, 11166 10064 56802 21001 01069	FSK 200/1000 (linkz)
F06	21-3	1420	15883	Tue	Russian diplo/intel, 11166 00030 96821 21004 00969	FSK 200/1000 (linkz)
F06	21-3	1420	15731	Tue	Russian diplo/intel, 11166 10064 56802 21001 01069	FSK 200/1000 (T101)
F06	21-3	1500	19825	Tue	Russian diplo/intel, 11166 00030 96821 21004 00969	FSK 200/1000 (qsr711)
F06	21-3	1500	19948	Tue	Russian diplo/intel, 11166 10064 56802 21001 01069	FSK 200/1000 (qsr711)
F06	21-3	1510	17453	Tue	Russian diplo/intel, 11166 00030 96821 21004 00969	FSK 200/1000 (qsr711)
F06	21-3	1510	17516	Tue	Russian diplo/intel, 11166 10064 56802 21001 01069	FSK 200/1000 (qsr711)
F06	21-3	1520	15731	Tue	Russian diplo/intel, 11166 10064 56802 21001 01069	FSK 200/1000 (T101)
F06	21-3	1520	15739	Tue	Russian diplo/intel, 11166 90017 28651 21009 00889	FSK 200/1000 (T101)
F06	21-3	1520	15883	Tue	Russian diplo/intel, 11166 00030 96821 21004 00969	FSK 200/1000 (T101)
F06	21-3	1530	13429	Tue	Russian diplo/intel, 11166 90017 28651 21009 00889	FSK 200/1000 (T101)
F06	21-3	1540	11068	Tue	Russian diplo/intel, 11166 90017 28651 21009 00889	FSK 200/1000 (T101)
F06	21-3	1650	17445	Tue	Russian diplo/intel, 11166 10053 32468 21001 00049 00000 00000 00000 00000	FSK 200/1000 (AB/MP)
F06	21-3	1700	12211	Tue	Russian diplo/intel, 11166 10053 32468 21001 00049 00000 00000 00000 00000	FSK 200/1000 (AB/MP)
F06	21-3	1710	10173	Tue	Russian diplo/intel, 11166 10053 32468 21001 00049 00000 00000 00000 00000	FSK 200/1000 (AB/MP)
F06	22-3	0600	18189	Wed	Russian diplo/intel, 11166 40122 87452 18047 03559	FSK 600/1000 (AB-RUS)
F06	22-3	0610	16046	Wed	Russian diplo/intel, 11166 40122 87452 18047 03559	FSK 600/1000 (AB-RUS)
F06	22-3	0620	14459	Wed	Russian diplo/intel, 11166 40122 87452 18047 03559	FSK 600/1000 (AB-RUS)
F06	22-3	0700	10671	Wed	Russian diplo/intel, 11166 70202 78531 21058 02559	FSK 200/1000 (AB-RUS)
F06	22-3	0710	8093	Wed	Russian diplo/intel, 11166 70202 78531 21058 02559	FSK 200/1000 (AB-RUS)
F06	22-3	0720	6879	Wed	Russian diplo/intel, 11166 70202 78531 21058 02559	FSK 200/1000 (AB-RUS)
F06	22-3	0800	22926	Wed	Russian diplo/intel, 11166 60168 13592 22002 01399	FSK 200/1000 (FD)
F06	22-3	0810	20458	Wed	Russian diplo/intel, 11166 60168 13592 22002 01399	FSK 200/1000 (PY)
F06	22-3	0820	18544	Wed	Russian diplo/intel, 11166 60168 13592 22002 01399	FSK 200/1000 (linkz)
F06	22-3	1015	22884	Wed	Russian diplo/intel, 11166 40023 98765 22001 00049 00000 00000 00000	FSK 200/1000 (AB)
F06	22-3	1030	13418	Wed	Russian diplo/intel, 11166 30132 78451 21001 02059	FSK 200/1000 (AB)
F06	22-3	1030	17469	Wed	Russian diplo/intel, 11166 40023 98765 22001 00049 00000 00000 00000	FSK 200/1000 (AB)
F06	22-3	1040	12067	Wed	Russian diplo/intel, 11166 30132 78451 21001 02059	FSK 200/1000 (AB)
F06	22-3	1045	15876	Wed	Russian diplo/intel, 11166 40023 98765 22001 00049 00000 00000 00000	FSK 200/1000 (AB)
F06	22-3	1050	11049	Wed	Russian diplo/intel, 11166 30132 78451 21001 02059	FSK 200/1000 (AB)
F06	22-3	1200	11428	Wed	Russian diplo/intel, 11166 70202 78531 21058 02559	FSK 200/1000 (AB)
F06	22-3	1210	8026	Wed	Russian diplo/intel, 11166 70202 78531 21058 02559	FSK 200/1000 (AB-RUS)
F06	22-3	1220	6884	Wed	Russian diplo/intel, 11166 70202 78531 21058 02559	FSK 200/1000 (AB-RUS)
F06	22-3	1300	14561	Wed	Russian diplo/intel, 11100 00000 36547 21029 03239	FSK 200/1000 (linkz)
F06	22-3	1310	13395	Wed	Russian diplo/intel, 11100 00000 36547 21029 03239	FSK 200/1000 (linkz)
F06	22-3	1320	10576	Wed	Russian diplo/intel, 11100 00000 36547 21029 03239	FSK 200/1000 (linkz)
F06	22-3	1400	19825	Wed	Russian diplo/intel, 11166 10064 56802 21001 01069	FSK 200/1000 (AB)
F06	22-3	1400	19825	Wed	Russian diplo/intel, 11166 00030 96821 21004 00969	FSK 200/1000 (AB/RL)

F06	22-3	1410	17516	Wed	Russian diplo/intel. 11166 10064 56802 21001 01069	FSK 200/1000	(AB)
F06	22-3	1410	17453	Wed	Russian diplo/intel. 11166 00030 96821 21004 00969	FSK 200/1000	(AB/RL)
F06	22-3	1420	15731	Wed	Russian diplo/intel. 11166 10064 56802 21001 01069	FSK 200/1000	(AB)
F06	22-3	1420	15883	Wed	Russian diplo/intel. 11166 00030 96821 21004 00969	FSK 200/1000	(AB/RL)
F06	22-3	1500	19948	Wed	Russian diplo/intel. 11166 10064 56802 21001 01069	FSK 200/1000	(AB)
F06	22-3	1500	19825	Wed	Russian diplo/intel. 11166 00030 96821 21004 00969	FSK 200/1000	(AB/RL)
F06	22-3	1510	17516	Wed	Russian diplo/intel. 11166 10064 56802 21001 01069	FSK 200/1000	(AB)
F06	22-3	1510	17453	Wed	Russian diplo/intel. 11166 00030 96821 21004 00969	FSK 200/1000	(AB/RL)
F06	22-3	1520	15731	Wed	Russian diplo/intel. 11166 10064 56802 21001 01069	FSK 200/1000	(AB)
F06	22-3	1520	15883	Wed	Russian diplo/intel. 11166 00030 96821 21004 00969	FSK 200/1000	(AB/RL)
F06	22-3	1520	15739	Wed	Russian diplo/intel. 11166 90017 28651 21009 00889	FSK 200/1000	(T101)
F06	22-3	1530	13429	Wed	Russian diplo/intel. 11166 90017 28651 21009 00889	FSK 200/1000	(T101)
F06	22-3	1540	11068	Wed	Russian diplo/intel. 11166 90017 28651 21009 00889	FSK 200/1000	(T101)
F06	22-3	1550	17454	Wed	Russian diplo/intel. 11166 20218 13846 22007 00879	FSK 200/1000	(PY)
F06	22-3	1600	14357	Wed	Russian diplo/intel. 11166 20218 13846 22007 00879	FSK 200/1000	(linkz)
F06	22-3	1610	11556	Wed	Russian diplo/intel. 11166 20218 13846 22007 00879	FSK 200/1000	(linkz)
F06	23-3	0600	18189	Thu	Russian diplo/intel. 11166 40122 87452 18047 03559	FSK 600/1000	(AB-KOR)
F06	23-3	0610	16046	Thu	Russian diplo/intel. 11166 40122 87452 18047 03559	FSK 600/1000	(AB-KOR)
F06	23-3	0620	14459	Thu	Russian diplo/intel. 11166 40122 87452 18047 03559	FSK 600/1000	(AB-KOR)
F06	23-3	0700	10671	Thu	Russian diplo/intel. 11166 70202 25487 22059 02159 and 11166 70202 31576 22060 01779	FSK 200/1000	(AB-RUS)
F06	23-3	0710	8093	Thu	Russian diplo/intel. 11166 70202 25487 22059 02159 and 11166 70202 31576 22060 01779	FSK 200/1000	(AB-RUS)
F06	23-3	0720	6879	Thu	Russian diplo/intel. 11166 70202 25487 22059 02159 and 11166 70202 31576 22060 01779	FSK 200/1000	(AB-RUS)
F06	23-3	1000	14561	Thu	Russian diplo/intel. 11144 00000 79521 22056 00649	FSK 200/1000	(AB)
F06	23-3	1010	13395	Thu	Russian diplo/intel. 11144 00000 79521 22056 00649	FSK 200/1000	(AB)
F06	23-3	1020	12089	Thu	Russian diplo/intel. 11144 00000 79521 22056 00649	FSK 200/1000	(AB)
F06	23-3	1200	11428	Thu	Russian diplo/intel. 11166 70202 25487 22059 02159 and 11166 70202 31576 22060 01779	FSK 200/1000	(AB/RL-HOL)
F06	23-3	1210	8026	Thu	Russian diplo/intel. 11166 70202 25487 22059 02159 and 11166 70202 31576 22060 01779	FSK 200/1000	(AB)
F06	23-3	1220	6884	Thu	Russian diplo/intel. 11166 70202 25487 22059 02159 and 11166 70202 31576 22060 01779	FSK 200/1000	(AB)
F06	23-3	1330	20219	Thu	Russian diplo/intel. 11166 80214 54781 22078 00049 00000 00000 00000 00000	FSK 200/1000	(AB/RL-HOL)
F06	23-3	1340	19353	Thu	Russian diplo/intel. 11166 80214 54781 22078 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	23-3	1350	14375	Thu	Russian diplo/intel. 11166 80214 54781 22078 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	24-3	0700	10671	Fri	Russian diplo/intel. 11166 70202 53721 23035 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	24-3	0710	8093	Fri	Russian diplo/intel. 11166 70202 53721 23035 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS)
F06	24-3	0720	6879	Fri	Russian diplo/intel. 11166 70202 53721 23035 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS)
F06	25-3	1400	9064	Sat	Russian diplo/intel. 11100 00000 25694 24069 01719	FSK 100/1000	(AB)
F06	25-3	1410	6923	Sat	Russian diplo/intel. 11100 00000 25694 24069 01719	FSK 100/1000	(AB-RUS)
F06	25-3	1420	4565	Sat	Russian diplo/intel. 11100 00000 25694 24069 01719	FSK 100/1000	(AB-RUS)
F06	26-3	1030	11611	Sun	Russian diplo/intel. 11100 00000 25694 24069 01719	FSK 100/1000	(AB)
F06	26-3	1040	9425	Sun	Russian diplo/intel. 11100 00000 25694 24069 01719	FSK 100/1000	(AB-POL)
F06	26-3	1050	6957	Sun	Russian diplo/intel. 11100 00000 25694 24069 01719	FSK 100/1000	(AB-POL)
F06	26-3	1530	20156	Sun	Russian diplo/intel. 11166 10053 81395 26001 00049 00000 00000 00000 00000	FSK 100/1000	(AB)
F06	26-3	1540	17531	Sun	Russian diplo/intel. 11166 10053 81395 26001 00049 00000 00000 00000 00000	FSK 100/1000	(AB)

F06	26-3	1550	13476	Sun	Russian diplo/intel. 11166 10053 81395 26001 00049 00000 00000 00000 00000	FSK 100/1000	(AB)
F06	27-3	0700	10671	Mon	Russian diplo/intel. 11166 70202 48531 24061 02659	FSK 200/1000	(AB)
F06	27-3	0710	8093	Mon	Russian diplo/intel. 11166 70202 48531 24061 02659	FSK 200/1000	(AB)
F06	27-3	0720	6879	Mon	Russian diplo/intel. 11166 70202 48531 24061 02659	FSK 200/1000	(AB)
F06	27-3	1000	14561	Mon	Russian diplo/intel. 11144 00000 84521 24057 00389	FSK 200/1000	(AB)
F06	27-3	1010	13395	Mon	Russian diplo/intel. 11144 00000 84521 24057 00389	FSK 200/1000	(AB)
F06	27-3	1020	12089	Mon	Russian diplo/intel. 11144 00000 84521 24057 00389	FSK 200/1000	(AB)
F06	27-3	1200	11428	Mon	Russian diplo/intel. 11166 70202 48531 24061 02659	FSK 200/1000	(AB)
F06	27-3	1210	8026	Mon	Russian diplo/intel. 11166 70202 48531 24061 02659	FSK 200/1000	(AB-RUS)
F06	27-3	1220	6884	Mon	Russian diplo/intel. 11166 70202 48531 24061 02659	FSK 200/1000	(AB-RUS)
F06	28-3	0030	11431	Tue	Russian diplo/intel. Null message	FSK 200/1000	(AB)
F06	28-3	0040	8127	Tue	Russian diplo/intel. Null message	FSK 200/1000	(AB)
F06	28-3	0050	7893	Tue	Russian diplo/intel. Null message	FSK 200/1000	(AB)
F06	28-3	0700	10671	Tue	Russian diplo/intel. 11166 70202 42817 27062 02099 and 11166 70202 31576 27063 01859	FSK 200/1000	(AB)
F06	28-3	0710	8093	Tue	Russian diplo/intel. 11166 70202 42817 27062 02099 and 11166 70202 31576 27063 01859	FSK 200/1000	(AB-RUS)
F06	28-3	0720	6879	Tue	Russian diplo/intel. 11166 70202 42817 27062 02099 and 11166 70202 31576 27063 01859	FSK 200/1000	(AB-RUS)
F06	28-3	1200	11428	Tue	Russian diplo/intel. 11166 70202 42817 27062 02099 and 11166 70202 31576 27063 01859	FSK 200/1000	(AB)
F06	28-3	1210	8026	Tue	Russian diplo/intel. 11166 70202 42817 27062 02099 and 11166 70202 31576 27063 01859	FSK 200/1000	(AB-RUS)
F06	28-3	1220	6884	Tue	Russian diplo/intel. 11166 70202 42817 27062 02099 and 11166 70202 31576 27063 01859	FSK 200/1000	(AB-RUS)
F06	28-3	1230	16321	Tue	Russian diplo/intel. 11166 30154 25867 28029 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS/PY)
F06	28-3	1240	12086	Tue	Russian diplo/intel. 11166 30154 25867 28029 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS/PY)
F06	28-3	1250	9088	Tue	Russian diplo/intel. 11166 30154 25867 28029 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS/PY)
F06	28-3	1650	17445	Tue	Russian diplo/intel. 11166 10053 32468 21001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	28-3	1700	12211	Tue	Russian diplo/intel. 11166 10053 32468 21001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	28-3	1710	10173	Tue	Russian diplo/intel. 11166 10053 32468 21001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	29-3	0600	18189	Wed	Russian diplo/intel. 11166 40122 96712 25048 02529 and 11166 40122 67139 25049 02899	FSK 600/1000	(AB-RUS)
F06	29-3	0610	16046	Wed	Russian diplo/intel. 11166 40122 96712 25048 02529 and 11166 40122 67139 25049 02899	FSK 600/1000	(AB-RUS)
F06	29-3	0620	14459	Wed	Russian diplo/intel. 11166 40122 96712 25048 02529 and 11166 40122 67139 25049 02899	FSK 600/1000	(AB-RUS)
F06	29-3	0700	10671	Wed	Russian diplo/intel. 11166 70202 28493 28064 02919	FSK 200/1000	(AB-RUS)
F06	29-3	0710	8093	Wed	Russian diplo/intel. 11166 70202 28493 28064 02919	FSK 200/1000	(AB-RUS)
F06	29-3	0720	6879	Wed	Russian diplo/intel. 11166 70202 28493 28064 02919	FSK 200/1000	(AB-RUS)
F06	29-3	1200	11428	Wed	Russian diplo/intel. 11166 70202 28493 28064 02919	FSK 200/1000	(AB/MPJ)
F06	29-3	1210	8026	Wed	Russian diplo/intel. 11166 70202 28493 28064 02919	FSK 200/1000	(AB-RUS/MPJ)
F06	29-3	1220	6884	Wed	Russian diplo/intel. 11166 70202 28493 28064 02919	FSK 200/1000	(AB-RUS/MPJ)
F06	30-3	0600	18189	Thu	Russian diplo/intel. 11166 40122 96712 25048 02529 and 11166 40122 67139 25049 02899	FSK 600/1000	(AB-KOR)
F06	30-3	0610	16046	Thu	Russian diplo/intel. 11166 40122 96712 25048 02529 and 11166 40122 67139 25049 02899	FSK 600/1000	(AB-KOR)
F06	30-3	0620	14459	Thu	Russian diplo/intel. 11166 40122 96712 25048 02529 and 11166 40122 67139 25049 02899	FSK 600/1000	(AB-KOR)
F06	30-3	0700	10671	Thu	Russian diplo/intel. 11166 70202 63421 29065 02159 and 11166 70202 54316 29066 01979	FSK 200/1000	(AB-RUS)
F06	30-3	0710	8093	Thu	Russian diplo/intel. 11166 70202 63421 29065 02159 and 11166 70202 54316 29066 01979	FSK 200/1000	(AB-RUS)
F06	30-3	0720	6879	Thu	Russian diplo/intel. 11166 70202 63421 29065 02159 and 11166 70202 54316 29066 01979	FSK 200/1000	(AB-RUS)
F06	30-3	1000	14561	Thu	Russian diplo/intel. 11166 00000 49362 30023 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	30-3	1010	13395	Thu	Russian diplo/intel. 11166 00000 49362 30023 00049 00000 00000 00000 00000	FSK 200/1000	(AB)

F06	30-3	1020	12089	Thu	Russian diplo/intel. 11166 00000 49362 30023 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	30-3	1200	11428	Thu	Russian diplo/intel. 11166 70202 62421 29065 02159 and 11166 70202 54316 29066 01979	FSK 200/1000	(AB/MP-AUT)
F06	30-3	1210	8026	Thu	Russian diplo/intel. 11166 70202 62421 29065 02159 and 11166 70202 54316 29066 01979	FSK 200/1000	(AB/MP-AUT)
F06	30-3	1220	6884	Thu	Russian diplo/intel. 11166 70202 62421 29065 02159 and 11166 70202 54316 29066 01979	FSK 200/1000	(AB/MP-AUT)
F06	30-3	1330	20219	Thu	Russian diplo/intel. 11166 80214 13856 09078 00049 00000 00000 00000	FSK 200/1000	(AB)
F06	30-3	1340	19353	Thu	Russian diplo/intel. 11166 80214 13856 09078 00049 00000 00000 00000	FSK 200/1000	(AB)
F06	30-3	1350	14375	Thu	Russian diplo/intel. 11166 80214 13856 09078 00049 00000 00000 00000	FSK 200/1000	(AB)
F06	31-3	0700	10671	Fri	Russian diplo/intel. 11166 70202 79241 31089 00049 00000 00000 00000	FSK 200/1000	(AB)
F06	31-3	0710	8093	Fri	Russian diplo/intel. 11166 70202 79241 31089 00049 00000 00000 00000	FSK 200/1000	(AB-RUS)
F06	31-3	0720	6879	Fri	Russian diplo/intel. 11166 70202 79241 31089 00049 00000 00000 00000	FSK 200/1000	(AB-RUS)
F06a	2-3	0500	4575	Thu	Russian diplo/intel. File 44471 (binary contents)	FSK 200/1000	(AB)
F06a	2-3	0515	5761	Thu	Russian diplo/intel. File 44471 (binary contents)	FSK 200/1000	(AB)
F06a	2-3	0530	7367	Thu	Russian diplo/intel. File 44471 (binary contents)	FSK 200/1000	(AB)
F06a	3-3	0500	4031	Fri	Russian diplo/intel. File 44472 (binary contents)	FSK 200/1000	(AB)
F06a	3-3	0515	5119	Fri	Russian diplo/intel. File 44472 (binary contents)	FSK 200/1000	(AB)
F06a	3-3	0530	5933	Fri	Russian diplo/intel. File 44472 (binary contents)	FSK 200/1000	(AB)
F06a	4-3	1500	26185	Sat	Russian diplo/intel. File 04461	FSK 100/1000	(AB)
F06a	4-3	1515	20966	Sat	Russian diplo/intel. File 04461	FSK 100/1000	(AB)
F06a	4-3	1530	18545	Sat	Russian diplo/intel. File 04461	FSK 100/1000	(AB)
F06a	5-3	1500	26185	Sun	Russian diplo/intel. File 04461	FSK 100/1000	(AB)
F06a	5-3	1515	20966	Sun	Russian diplo/intel. File 04461	FSK 100/1000	(AB)
F06a	5-3	1530	18545	Sun	Russian diplo/intel. File 04461	FSK 100/1000	(AB)
F06a	9-3	0500	4575	Thu	Russian diplo/intel. File 44472 (binary contents)	FSK 200/1000	(AB)
F06a	9-3	0515	5761	Thu	Russian diplo/intel. File 44472 (binary contents)	FSK 200/1000	(AB)
F06a	10-3	0500	4575	Fri	Russian diplo/intel. File 44472 (binary contents)	FSK 200/1000	(AB)
F06a	10-3	0515	5761	Fri	Russian diplo/intel. File 44472 (binary contents)	FSK 200/1000	(AB)
F06a	10-3	0530	7367	Fri	Russian diplo/intel. File 44472 (binary contents)	FSK 200/1000	(AB)
F06a	11-3	1500	26185	Sat	Russian diplo/intel. File 04462	FSK 100/1000	(AB)
F06a	11-3	1515	20966	Sat	Russian diplo/intel. File 04462	FSK 100/1000	(AB)
F06a	11-3	1530	18545	Sat	Russian diplo/intel. File 04462	FSK 100/1000	(AB)
F06a	12-3	1500	26185	Sun	Russian diplo/intel. File 04462	FSK 100/1000	(AB/2P-FIN)
F06a	12-3	1515	20966	Sun	Russian diplo/intel. File 04462	FSK 100/1000	(AB)
F06a	12-3	1530	18545	Sun	Russian diplo/intel. File 04462	FSK 100/1000	(AB)
F06a	16-3	0500	4575	Thu	Russian diplo/intel. File 44472 (binary contents)	FSK 200/1000	(AB)
F06a	16-3	0515	5761	Thu	Russian diplo/intel. File 44472 (binary contents)	FSK 200/1000	(AB)
F06a	16-3	0530	7367	Thu	Russian diplo/intel. File 44472 (binary contents)	FSK 200/1000	(AB)
F06a	17-3	0500	4575	Fri	Russian diplo/intel. File 44472 (binary contents)	FSK 200/1000	(AB)
F06a	17-3	0515	5761	Fri	Russian diplo/intel. File 44472 (binary contents)	FSK 200/1000	(AB)
F06a	17-3	0530	7367	Fri	Russian diplo/intel. File 44472 (binary contents)	FSK 200/1000	(AB)
F06a	18-3	1500	26185	Sat	Russian diplo/intel. File 04463	FSK 100/1000	(AB)
F06a	18-3	1515	20966	Sat	Russian diplo/intel. File 04463	FSK 100/1000	(AB)

F06a	18-3	1530	18545	Sat	Russian diplo/intel. File 04463	FSK 100/1000	(AB)
F06a	19-3	1500	26185	Sun	Russian diplo/intel. File 04463	FSK 100/1000	(AB)
F06a	19-3	1515	20966	Sun	Russian diplo/intel. File 04463	FSK 100/1000	(AB)
F06a	19-3	1530	18545	Sun	Russian diplo/intel. File 04463	FSK 100/1000	(AB)
F06a	22-3	1520	20044	Wed	Russian diplo/intel. File K130044.001. Header: 11100 30044 78349 22001 02709	FSK 200/1000	(linkz)
F06a	22-3	1530	18235	Wed	Russian diplo/intel. File K130044.001. Header: 11100 30044 78349 22001 02709	FSK 200/1000	(PY)
F06a	22-3	1540	16091	Wed	Russian diplo/intel. File K130044.001. Header: 11100 30044 78349 22001 02709	FSK 200/1000	(linkz)
F06a	22-3	2020	12147	Wed	Russian diplo/intel. File K130044.002. Header: 11100 30044 89132 22002 02859	FSK 200/1000	(PY)
F06a	22-3	2030	10225	Wed	Russian diplo/intel. File K130044.002. Header: 11100 30044 89132 22002 02859	FSK 200/1000	(PY)
F06a	22-3	2040	8108	Wed	Russian diplo/intel. File K130044.002. Header: 11100 30044 89132 22002 02859	FSK 200/1000	(PY)
F06a	23-3	0500	7654	Thu	Russian diplo/intel. File 44472 (binary contents)	FSK 200/1000	(AB/PY)
F06a	23-3	0515	5432	Thu	Russian diplo/intel. File 44472 (binary contents)	FSK 200/1000	(AB/PY)
F06a	23-3	0530	4573	Thu	Russian diplo/intel. File 44472 (binary contents)	FSK 200/1000	(AB/PY)
F06a	24-3	0500	7654	Fri	Russian diplo/intel. File 44472 (binary contents)	FSK 200/1000	(PY)
F06a	24-3	0515	5432	Fri	Russian diplo/intel. File 44472 (binary contents)	FSK 200/1000	(FD)
F06a	24-3	0530	4573	Fri	Russian diplo/intel. File 44472 (binary contents)	FSK 200/1000	(FD)
F06a	25-3	1500	26185	Sat	Russian diplo/intel. File 04464	FSK 100/1000	(AB-KWT)
F06a	25-3	1515	20966	Sat	Russian diplo/intel. File 04464	FSK 100/1000	(AB-KWT)
F06a	25-3	1530	18545	Sat	Russian diplo/intel. File 04464	FSK 100/1000	(AB)
F06a	26-3	1500	26185	Sun	Russian diplo/intel. File 04464	FSK 100/1000	(AB-RUS/MP/RL)
F06a	26-3	1515	20966	Sun	Russian diplo/intel. File 04464	FSK 100/1000	(AB-RUS/MP)
F06a	26-3	1530	18545	Sun	Russian diplo/intel. File 04464	FSK 100/1000	(AB/MP)
F06a	30-3	0500	7654	Thu	Russian diplo/intel. File 44472 (binary contents)	FSK 200/1000	(AB/PY)
F06a	30-3	0515	5432	Thu	Russian diplo/intel. File 44472 (binary contents)	FSK 200/1000	(AB/PY)
F06a	30-3	0530	4573	Thu	Russian diplo/intel. File 44472 (binary contents)	FSK 200/1000	(AB/PY)
F06a	31-3	0500	5143	Fri	Russian diplo/intel. File 44472 (binary contents)	FSK 200/1000	(PY)
F06a	31-3	0530	7654	Fri	Russian diplo/intel. File 44472 (binary contents)	FSK 200/1000	(PY)
F07	7-3	2100	10244	Tue	Russian intel.	SXMF5K-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	7-3	2110	9379	Tue	Russian intel.	SXMF5K-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	7-3	2120	8161	Tue	Russian intel.	SXMF5K-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	7-3	2130	7518	Tue	Russian intel.	SXMF5K-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	7-3	2140	6783	Tue	Russian intel.	SXMF5K-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	7-3	2150	5864	Tue	Russian intel.	SXMF5K-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	9-3	2100	10244	Thu	Russian intel.	SXMF5K-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	9-3	2110	9379	Thu	Russian intel.	SXMF5K-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	9-3	2120	8161	Thu	Russian intel.	SXMF5K-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	9-3	2130	7518	Thu	Russian intel.	SXMF5K-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	9-3	2140	6783	Thu	Russian intel.	SXMF5K-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	9-3	2150	5864	Thu	Russian intel.	SXMF5K-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	14-3	2100	10244	Tue	Russian intel.	SXMF5K-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	14-3	2110	9379	Tue	Russian intel.	SXMF5K-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	14-3	2120	8161	Tue	Russian intel.	SXMF5K-16/10Bd/20Hz+250Bd BPSK	(AB)

F07	14-3	2130	7518	Tue	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	14-3	2140	6783	Tue	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	14-3	2150	5864	Tue	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	16-3	2100	10244	Thu	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	16-3	2110	9379	Thu	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	16-3	2120	8161	Thu	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	16-3	2130	7518	Thu	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	16-3	2140	6783	Thu	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	16-3	2150	5864	Thu	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	21-3	2100	10244	Tue	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	21-3	2110	9379	Tue	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	21-3	2120	8161	Tue	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	21-3	2130	7518	Tue	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	21-3	2140	6783	Tue	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	21-3	2150	5864	Tue	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	22-3	1000	20494	Wed	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	22-3	1010	19181	Wed	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	22-3	1020	17441	Wed	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	22-3	1030	16259	Wed	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	22-3	1040	15834	Wed	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	22-3	1050	14574	Wed	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	22-3	1200	16293	Wed	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	22-3	1210	15872	Wed	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	22-3	1220	14754	Wed	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	22-3	1230	13392	Wed	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	22-3	1240	11439	Wed	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	22-3	1250	10358	Wed	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	22-3	1300	15874	Wed	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	22-3	1310	14383	Wed	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	22-3	1320	13441	Wed	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	22-3	1330	12158	Wed	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	22-3	1340	11544	Wed	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	22-3	1350	10394	Wed	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	22-3	1400	13887	Wed	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	22-3	1410	13372	Wed	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	22-3	1420	12187	Wed	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	22-3	1430	11021	Wed	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	22-3	1440	10237	Wed	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	22-3	1450	9307	Wed	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	22-3	1500	12173	Wed	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	22-3	1510	11544	Wed	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	22-3	1520	10351	Wed	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)

F07	22-3	1540	9109	Wed	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	22-3	1610	10821	Wed	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	22-3	1620	10588	Wed	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	22-3	1630	10191	Wed	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	22-3	1640	9222	Wed	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	22-3	1650	8114	Wed	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	22-3	1800	10977	Wed	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	22-3	1810	10329	Wed	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	22-3	1820	9203	Wed	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	22-3	1830	8113	Wed	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	22-3	1840	7834	Wed	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	22-3	1850	7453	Wed	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	23-3	2100	10244	Thu	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	23-3	2110	9379	Thu	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	23-3	2120	8161	Thu	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	23-3	2130	7518	Thu	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	23-3	2140	6783	Thu	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	23-3	2150	5864	Thu	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	26-3	0830	21894	Sun	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(linkz)
F07	26-3	0840	20752	Sun	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(linkz)
F07	26-3	0850	19601	Sun	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(linkz)
F07	26-3	0900	24427	Sun	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(linkz)
F07	26-3	0910	23124	Sun	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(linkz)
F07	26-3	0920	22886	Sun	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(linkz)
F07	26-3	0930	21873	Sun	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(linkz)
F07	26-3	0940	20458	Sun	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(linkz)
F07	26-3	0950	19111	Sun	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(linkz)
F07	26-3	1000	20494	Sun	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	26-3	1010	19181	Sun	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	26-3	1020	17441	Sun	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	26-3	1030	16259	Sun	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	26-3	1040	15834	Sun	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	26-3	1050	14574	Sun	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	26-3	1100	18447	Sun	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	26-3	1110	16104	Sun	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	26-3	1120	15863	Sun	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	26-3	1130	14706	Sun	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	26-3	1140	13404	Sun	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	26-3	1150	10921	Sun	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	26-3	1200	16293	Sun	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	26-3	1210	15872	Sun	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	26-3	1220	14754	Sun	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)

F07	26-3	1230	13392	Sun	Russian intel.		SxMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	26-3	1240	11439	Sun	Russian intel.		SxMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	26-3	1250	10358	Sun	Russian intel.		SxMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	26-3	1300	15874	Sun	Russian intel.		SxMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	26-3	1310	14383	Sun	Russian intel.		SxMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	26-3	1320	13441	Sun	Russian intel.		SxMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	26-3	1330	12158	Sun	Russian intel.		SxMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	26-3	1340	11544	Sun	Russian intel.		SxMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	26-3	1350	10394	Sun	Russian intel.		SxMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	26-3	1400	13887	Sun	Russian intel.		SxMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	26-3	1410	13372	Sun	Russian intel.		SxMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	26-3	1420	12187	Sun	Russian intel.		SxMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	26-3	1430	11021	Sun	Russian intel.		SxMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	26-3	1440	10237	Sun	Russian intel.		SxMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	26-3	1450	9307	Sun	Russian intel.		SxMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	26-3	1500	12173	Sun	Russian intel.		SxMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	26-3	1510	11544	Sun	Russian intel.		SxMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	26-3	1520	10351	Sun	Russian intel.		SxMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	26-3	1530	9397	Sun	Russian intel.		SxMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	26-3	1540	9109	Sun	Russian intel.		SxMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	26-3	1550	8174	Sun	Russian intel.		SxMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	28-3	2100	10244	Tue	Russian intel.		SxMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	28-3	2110	9379	Tue	Russian intel.		SxMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	28-3	2120	8161	Tue	Russian intel.		SxMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	28-3	2130	7518	Tue	Russian intel.		SxMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	28-3	2140	6783	Tue	Russian intel.		SxMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	28-3	2150	5864	Tue	Russian intel.		SxMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	29-3	0710	23158	Wed	Russian intel.		SxMFSK-16/10Bd/20Hz+250Bd BPSK	(F1GOC)
F07	29-3	0720	23866	Wed	Russian intel.		SxMFSK-16/10Bd/20Hz+250Bd BPSK	(F1GOC)
F07	29-3	0800	24381	Wed	Russian intel.		SxMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	29-3	0810	23137	Wed	Russian intel.		SxMFSK-16/10Bd/20Hz+250Bd BPSK	(AB/F1GOC)
F07	29-3	0820	22875	Wed	Russian intel.		SxMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	29-3	0830	21894	Wed	Russian intel.		SxMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	29-3	0840	20752	Wed	Russian intel.		SxMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	29-3	0850	19601	Wed	Russian intel.		SxMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	29-3	1000	20494	Wed	Russian intel.		SxMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	29-3	1010	19181	Wed	Russian intel.		SxMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	29-3	1020	17441	Wed	Russian intel.		SxMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	29-3	1030	16259	Wed	Russian intel.		SxMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	29-3	1040	15834	Wed	Russian intel.		SxMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	29-3	1050	14574	Wed	Russian intel.		SxMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	29-3	1100	18447	Wed	Russian intel.		SxMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)

F07	29-3	1110	16104	Wed	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB/DW-IND)
F07	29-3	1120	15863	Wed	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	29-3	1130	14706	Wed	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	29-3	1140	13404	Wed	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	29-3	1150	10921	Wed	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	29-3	1200	16293	Wed	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	29-3	1210	15872	Wed	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	29-3	1220	14754	Wed	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	29-3	1230	13392	Wed	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	29-3	1240	11439	Wed	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	29-3	1250	10358	Wed	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	29-3	1300	15874	Wed	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	29-3	1310	14383	Wed	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	29-3	1320	13441	Wed	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	29-3	1330	12158	Wed	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	29-3	1340	11544	Wed	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	29-3	1350	10394	Wed	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	29-3	1400	13887	Wed	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	29-3	1410	13372	Wed	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	29-3	1420	12187	Wed	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	29-3	1430	11021	Wed	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	29-3	1440	10237	Wed	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	29-3	1450	9307	Wed	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	29-3	1500	12173	Wed	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	29-3	1510	11544	Wed	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	29-3	1520	10351	Wed	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	29-3	1530	9397	Wed	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	29-3	1540	9109	Wed	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	29-3	1550	8174	Wed	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	30-3	2100	10244	Thu	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	30-3	2110	9379	Thu	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	30-3	2120	8161	Thu	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	30-3	2130	7518	Thu	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	30-3	2140	6783	Thu	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	30-3	2150	5864	Thu	Russian intel.		5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
HM01	1-3	1630	11435	Wed	07271 05071 12207 10163 67506 03259 then 21 groups followed by WindRM. File 27750325.TXT sent after each group. Callsign: QWERTY01		AM/WindRM	(AB-USA)
HM01	2-3	1800	11635	Thu	07274 05074 33241 10167 61531 66523 Files: Unreadable data		AM/WindRM	(AB-USA)
HM01	2-3	1835	11635	Thu	07274 05074 33241 10167 61531 66523 Files: Unreadable data		AM/WindRM	(RR2)
HM01	3-3	1615	11435	Fri	07274 05074 33241 10167 61531 66523 Files: 27870727.TXT 50710507.F1C 18003324.TXT 23631016.TXT 82076153.TXT 5086652.F1C Callsign: QWERTY01 (repeat of 2 March)		AM/WindRM	(AB-USA)
HM01	4-3	1735	11530	Sat	07274 05074 33241 10167 61531 66523 (repeat of 2 March)		AM/WindRM	(AB-USA)

HM01	5-3	1600	11435	Sun	07274 05074 33241 10167 61531 66523 (repeat of 2 March)	AM/WindRM	(AB-USA/2PI-USA)
HM01	5-3	1700	11530	Sun	07274 05074 33241 10167 61531 66523 (repeat of 2 March)	AM/WindRM	(2PI-USA)
HM01	6-3	0700	9330	Mon	07274 05074 33241 10167 61531 66523 (repeat of 2 March)	AM/WindRM	(AB)
HM01	6-3	0930	9240	Mon	07274 05074 33241 10167 61531 66523 (repeat of 2 March)	AM/WindRM	(AB)
HM01	6-3	0958	9155	Mon	07274 05074 33241 10167 61531 66523 (repeat of 2 March)	AM/WindRM	(AB)
HM01	6-3	1658	11530	Mon	07274 05074 33241 10167 61531 66523 (repeat of 2 March)	AM/WindRM	(AB)
HM01	7-3	0830	11635	Tue	07274 05074 33241 10167 61531 66523 (repeat of 2 March)	AM/WindRM	(AB)
HM01	7-3	0928	11462	Tue	07274 05074 33241 10167 61531 66523 (repeat of 2 March)	AM/WindRM	(AB)
HM01	7-3	0958	12180	Tue	07274 05074 33241 10167 61531 66523 (repeat of 2 March)	AM/WindRM	(AB)
HM01	7-3	1655	11530	Tue	07274 05074 33241 10167 61531 66523 (repeat of 2 March)	AM/WindRM	(AB)
HM01	8-3	1000	9155	Wed	07274 05074 33241 10167 61531 66523 (repeat of 2 March)	AM/WindRM	(2PI-USA)
HM01	8-3	1600	11435	Wed	no transmission	AM/WindRM	(AB-USA)
HM01	8-3	1630	11435	Wed	no transmission	AM/WindRM	(AB-USA)
HM01	8-3	1700	11530	Wed	no transmission	AM/WindRM	(AB-USA)
HM01	8-3	1743	11635	Wed	07274 05074 33241 10167 61531 66523 (repeat of 2 March)	AM/WindRM	(AB-USA)
HM01	8-3	2100	11635	Wed	07274 05074 33241 10167 61531 66523 (repeat of 2 March)	AM/WindRM	(2PI-USA)
HM01	9-3	1657	11530	Thu	07274 05074 33241 10167 61531 66523 (repeat of 2 March)	AM/WindRM	(AB-USA)
HM01	10-3	1559	11435	Fri	Radio Habana Cuba, then 07274 05074 33241 10167 61531 66523 (repeat of 2 March)	AM/WindRM	(AB-USA)
HM01	10-3	2100	11635	Fri	07274 05074 33241 10167 61531 66523 (repeat of 2 March)	AM/WindRM	(2PI-USA)
HM01	11-3	0900	11462	Sat	07274 05074 33241 10167 61531 66523 (repeat of 2 March)	AM/WindRM	(AB)
HM01	11-3	1609	11435	Sat	Late start 07274 05074 33241 10167 61531 66523 (repeat of 2 March)	AM/WindRM	(AB-USA)
HM01	12-3	1558	11435	Sun	07274 05074 33241 10167 61531 66523 (repeat of 2 March)	AM/WindRM	(AB-USA)
HM01	13-3	1622	11435	Mon	07274 05074 33241 10167 61531 66523 (repeat of 2 March)	AM/WindRM	(RR2)
HM01	14-3	1645	11435	Tue	07274 05074 33241 10167 61531 66523 (repeat of 2 March)	AM/WindRM	(AB)
HM01	14-3	1656	11530	Tue	07274 05074 33241 10167 61531 66523 (repeat of 2 March)	AM/WindRM	(AB)
HM01	15-3	1600	11435	Wed	07274 05074 33241 10167 61531 66523 (repeat of 2 March)	AM/WindRM	(RR2)
HM01	15-3	2200	10715	Wed	07274 05074 33241 10167 61531 66523 (repeat of 2 March)		(2PI-USA)
HM01	16-3	1650	11435	Thu	07274 05074 33241 10167 61531 66523 (repeat of 2 March)	AM/WindRM	(AB-USA)
HM01	17-3	1645	11435	Fri	18648 52778 03155 71663 40125 52433	AM/WindRM	(AB-USA)
HM01	17-3	1655	11530	Fri	18648 52778 03155 71663 40125 52433 Files: 28411864.TXT 74435277.TXT 50550315.F1C 50027166.F1C 08004012.TXT 50515243.TXT Callsign: QWER0Y01	AM/WindRM	(AB-USA)
HM01	18-3	1630	11435	Sat	18648 52778 03155 71663 40125 52433 (repeat of 17 March)	AM/WindRM	(AB-USA)
HM01	19-3	1840	11635	Sun	18648 52778 03155 71663 40125 52433 (repeat of 17 March)	AM/WindRM	(AB-USA)
HM01	19-3	2100	11635	Sun	18648 52778 03155 71663 40125 52433 (repeat of 17 March)	AM/WindRM	(2PI-USA)
HM01	20-3	1657	11530	Mon	18648 52778 03155 71663 40125 52433 (repeat of 17 March)	AM/WindRM	(RR2)
HM01	21-3	1657	11530	Tue	18648 52778 03155 71663 40125 52433 (repeat of 17 March)	AM/WindRM	(AB)
HM01	22-3	1708	11530	Wed	18648 52778 03155 71663 40125 52433 (repeat of 17 March)	AM/WindRM	(AB-USA)
HM01	23-3	1600	11435	Thu	18648 52778 03155 71663 40125 52433 (repeat of 17 March)	AM/WindRM	(RR2)
HM01	24-3	1605	11435	Fri	18648 52778 03155 71663 40125 52433 (repeat of 17 March)	AM/WindRM	(AB-USA)
HM01	25-3	1613	11435	Sat	18648 52778 03155 71663 40125 52433 (repeat of 17 March)	AM/WindRM	(AB-USA)
HM01	26-3	1557	11435	Sun	18648 52778 03155 71663 40125 52433 (repeat of 17 March)	AM/WindRM	(AB-USA)
HM01	27-3	1600	11435	Mon	18648 52778 03155 71663 40125 52433 (repeat of 17 March)	AM/WindRM	(RR2)

HM01	28-3	1739	11530	Tue	18648 52778 03155 71663 40125 52433 (repeat of 17 March)	AM/WindRM	(AB)
HM01	29-3	1600	11435	Wed	18648 52778 03155 71663 40125 52433 (repeat of 17 March)	AM/WindRM	(AB-USA)
HM01	30-3	1607	11435	Thu	18648 52778 03155 71663 40125 52433 (repeat of 17 March) Late Start	AM/WindRM	(RR2)
HM01	31-3	1557	11435	Fri	18648 52778 03155 71663 40125 52433 (repeat of 17 March)	AM/WindRM	(AB-USA)
M01	2-3	1800	5475	Thu	Ran all groups together. 4637357353030= 65746567464536545365213242132 ... 345676897768976576865768 ==73573530300.....0.....0.....	CW	(AB/HFD)
M01	2-3	2000	5020	Thu	463 989 989 30 30 = = ran all groups together = = 989 989 30 30 0..... 0..... 0.....	CW	(AB/HFD)
M01	4-3	1500	6260	Sat	463 607 607 30 30 = = 50306 16296 31837 ... 20402 07380 51927 607 607 30 30 000	CW	(AB/MPJ)
M01	7-3	1800	5475	Tue	463 916 916 30 30 = = 91873 17616 98173 ... 71652 76151 03151 = = 916 916 30 30 000	CW	(AB)
M01	9-3	1800	5475	Thu	463 274 274 30 30 = = 31817 94261 27613 ... 94302 63917 74731 = = 274 274 30 30 000	CW	(AB)
M01	9-3	2000	5020	Thu	463 591 591 30 30 = = 26140 73637 95284 ... 49603 51820 71630 = = 591 591 30 30 000	CW	(AB)
M01	11-3	1500	6260	Sat	463 527 527 30 30 = = 27032 01042 26082 ... 40901 28041 40901 = = 527 527 30 30 000	CW	(AB-POL/MPJ-FIN/HFD)
M01	12-3	0700	6510	Sun	463 027 027 30 30 = = 27032 17080 27001 ... 56480 17006 60640 = = 027 027 30 30 000	CW	(AB/HFD)
M01	14-3	1800	5475	Tue	463 245 245 30 30 = = 51823 08274 58320 ... 37815 37815 28920 = = 175 175 30 30 000	CW	(AB)
M01	14-3	2000	5020	Tue	463 245 245 30 30 = = 31652 74940 28615 ... 74902 05752 95202 = = 245 245 30 30 000	CW	(AB)
M01	16-3	1800	5475	Thu	463 173 173 30 30 = = 01982 45371 87161 ... 07017 76154 54165 = = 173 173 30 30 000	CW	(AB)
M01	16-3	2000	5020	Thu	463 981 981 30 30 = = 71851 09187 11541 ... 16548 98661 64537 = = 981 981 30 30 000	CW	(AB)
M01	19-3	0700	6510	Sun	463 453 453 30 30 = = 87968 45365 23143 ... 65765 87689 90897 = = 453 453 30 30 000	CW	(AB-POL)
M01	21-3	1800	5475	Tue	463 731 731 30 30 = = 4534 68745 80956 ... 80967 57645 89034 = = 30 30 731 731 000	CW	(AB)
M01	21-3	2000	5020	Tue	463 42378 45389 31290 ... 98756 89743 78945 = = 639 639 30 30 000	CW	(AB)
M01	23-3	1800	5475	Thu	463 139 139 30 30 = = 65758 80980 23142 43546 ... = 139 139 30 30 0..... 0.....	CW	(AB/MPJ)
M01	25-3	1500	6260	Sat	463 694 694 30 30 = = 25716 94851 37690 ... 08671 74862 25361 = = 694 694 30 30 000	CW	(AB-FIN)
M01	26-3	0700	6510	Sun	463 539 539 30 30 = = 27590 13513 41851 ... 28539283 04878 = = 539 539 30 30 000	CW	(AB-FIN)
M01	28-3	1800	5475	Tue	463 815 815 30 30 = = 83761 01761 76173 ... 09813 76518 12651 = = 815 815 30 30 000	CW	(AB)
M01	28-3	2000	5020	Tue	463 473 473 30 30 = = 76154 09187 15414 ... 22276 67859 16517 = = 473 473 30 30 000	CW	(AB)
M01	30-3	1800	5475	Thu	463 593 593 30 30 = = 39641 27815 90619 ... 51504 29748 95316 = = 593 593 30 30 000	CW	(AB/MPJ)
M01	30-3	2000	5020	Thu	463 175 175 30 30 = = 29764 19591 24830 ... 95302 42854 27651 = = 175 175 30 30 000	CW	(AB)
M12	1-3	0800	15848	Wed	841 841 841 1 396 231 396 231 12120 63659 20092 ... 75221 78656 00892 000 000	CW	(AB)
M12	1-3	0820	17448	Wed	841 841 841 1 396 231 396 231 12120 63659 20092 ... 75221 78656 00892 000 000	CW	(AB)
M12	1-3	0840	19148	Wed	841 841 841 1 396 231 396 231 12120 63659 20092 ... 75221 78656 00892 000 000	CW	(AB)
M12	1-3	2000	10238	Wed	218 218 218 1 9166 117 9166 117 85036 44616 81203 ... 19279 59056 57682 000 000	CW	(AB)
M12	1-3	2020	9138	Wed	218 218 218 1 9166 117 9166 117 85036 44616 81203 ... 19279 59056 57682 000 000	CW	(AB/HFD)
M12	1-3	2040	7838	Wed	218 218 218 1 9166 117 9166 117 85036 44616 81203 ... 19279 59056 57682 000 000	CW	(AB/HFD)
M12	2-3	0300	18767	Thu	742 742 742 1 669 100 669 100 10196 59243 93391 ... 37134 55644 20205 000 000	CW	(PV/HFD-J)
M12	2-3	0320	17467	Thu	742 742 742 1 669 100 669 100 10196 59243 93391 ... 37134 55644 20205 000 000	CW	(PV/HFD-J)
M12	2-3	1110	13386	Thu	725 725 725 1 4855 94 4855 94 25038 86152 81328 ... 87896 70958 75271 000 000	CW	(AB/HFD)
M12	2-3	1130	12189	Thu	725 725 725 1 4855 94 4855 94 25038 86152 81328 ... 87896 70958 75271 000 000	CW	(AB/HFD)
M12	2-3	1150	11491	Thu	725 725 725 1 4855 94 4855 94 25038 86152 81328 ... 87896 70958 75271 000 000	CW	(AB/HFD)
M12	2-3	1400	20849	Thu	842 842 842 000	CW	(AB/MPJ)
M12	2-3	1420	19449	Thu	842 842 842 000	CW	(AB/MPJ)
M12	2-3	2300	6857	Thu	917 1 6767 162 13542 86084 78781 ... 72800 62260 43997 000 000	CW	(RL)

M12	2-3	2300	7957	Thu	917 1 6767 162 13542 86084 78781 ... 72800 62260 43997 000 000	CW	(RL)
M12	2-3	2300	9157	Thu	917 1 6767 162 13542 86084 78781 ... 72800 62260 43997 000 000	CW	(RL)
M12	3-3	0010	16284	Fri	297 297 297 1 ...	CW	(HFD-J)
M12	3-3	0030	5863	Fri	841 841 841 1 332 108 332 108 31084 56556 67338 ... 48208 33549 67746 000 000	CW	(AB)
M12	3-3	0030	15984	Fri	297 297 297 1 ...	CW	(HFD-J)
M12	3-3	0050	7463	Fri	841 841 841 1 332 108 332 108 31084 56556 67338 ... 48208 33549 67746 000 000	CW	(AB)
M12	3-3	0050	14784	Fri	297 297 297 1 ...	CW	(HFD-J)
M12	3-3	0110	8163	Fri	841 841 841 1 332 108 332 108 31084 56556 67338 ... 48208 33549 67746 000 000	CW	(AB)
M12	3-3	0900	14427	Fri	493 493 493 000	CW	(AB/HFD)
M12	3-3	0920	14927	Fri	493 493 493 000	CW	(AB/HFD)
M12	3-3	2000	10238	Fri	218 218 218 1 9166 117 9166 117 85036 44616 81203 ... 19279 59056 57682 000 000	CW	(AB/2PI-ROU)
M12	3-3	2020	9138	Fri	218 218 218 1 9166 117 9166 117 85036 44616 81203 ... 19279 59056 57682 000 000	CW	(AB)
M12	3-3	2040	7838	Fri	218 218 218 1 9166 117 9166 117 85036 44616 81203 ... 13225 53833 80413 000 000	CW	(AB)
M12	3-3	2200	8126	Fri	178 178 178 357 94 357 94 06403 78662 38854 ... 13225 53833 80413 000 000	CW	(AB/HFD)
M12	3-3	2220	7526	Fri	178 178 178 357 94 357 94 06403 78662 38854 ... 13225 53833 80413 000 000	CW	(AB/HFD)
M12	3-3	2240	6826	Fri	178 178 178 357 94 357 94 06403 78662 38854 ... 13225 53833 80413 000 000	CW	(AB/HFD)
M12	4-3	1800	11435	Sat	938 938 938 1 4321 77 4321 77 03616 92474 77322 ... 38839 98103 52936 000 000	CW	(AB-POL/HFD)
M12	4-3	1820	10598	Sat	938 938 938 1 4321 77 4321 77 03616 92474 77322 ... 38839 98103 52936 000 000	CW	(AB-POL/HFD)
M12	4-3	1840	9327	Sat	938 938 938 1 4321 77 4321 77 03616 92474 77322 ... 38839 98103 52936 000 000	CW	(AB-POL/HFD)
M12	4-3	2200	8126	Sat	178 178 178 357 94 357 94 06403 78662 38854 ... 13225 53833 80413 000 000	CW	(AB)
M12	4-3	2220	7526	Sat	178 178 178 357 94 357 94 06403 78662 38854 ... 13225 53833 80413 000 000	CW	(AB)
M12	4-3	2240	6826	Sat	178 178 178 357 94 357 94 06403 78662 38854 ... 13225 53833 80413 000 000	CW	(AB/2PI-RUS)
M12	5-3	0800	15848	Sun	841.1	CW	(HFD)
M12	5-3	0820	17448	Sun	841 841 841 1 396 231 396 231 12120 63659 20092 ... 75221 78656 00892 000 000	CW	(AB/HFD)
M12	5-3	0840	19148	Sun	841 841 841 1 396 231 396 231 12120 63659 20092 ... 75221 78656 00892 000 000	CW	(AB/HFD)
M12	6-3	1230	12205	Mon	973 973 973 1 1477 60 1477 60 77536 26840 90217 ... 59647 17141 07375 000 000	CW	(AB)
M12	6-3	1250	13559	Mon	973 973 973 1 1477 60 1477 60 77536 26840 90217 ... 59647 17141 07375 000 000	CW	(AB)
M12	6-3	1310	14728	Mon	973 973 973 1 1477 60 1477 60 77536 26840 90217 ... 59647 17141 07375 000 000	CW	(AB)
M12	6-3	1400	20849	Mon	842 842 842 1 8568 101 8568 101 90609 31028 83158 ... 85215 29679 39872 000 000	CW	(AB/MPJ/HFD)
M12	6-3	1420	19449	Mon	842 842 842 1 8568 101 8568 101 90609 31028 83158 ... 85215 29679 39872 000 000	CW	(AB/MPJ/HFD)
M12	6-3	1440	18249	Mon	842 842 842 1 8568 101 8568 101 90609 31028 83158 ... 85215 29679 39872 000 000	CW	(AB/MPJ/HFD)
M12	6-3	2300	9157	Mon	Restart 917 917 917 000	CW	(RL)
M12	6-3	2320	7957	Mon	917 917 917 000	CW	(RL)
M12	7-3	0030	5863	Tue	841 841 841 1 7579 97 7579 97 34865 39661 66244 ... 68782 40969 21934 000 000	CW	(AB/HFD)
M12	7-3	0050	7463	Tue	841 841 841 1 7579 97 7579 97 34865 39661 66244 ... 68782 40969 21934 000 000	CW	(AB/HFD)
M12	7-3	0110	8163	Tue	841 841 841 1 7579 97 7579 97 34865 39661 66244 ... 68782 40969 21934 000 000	CW	(AB/HFD)
M12	7-3	0900	14427	Tue	493 493 493 000	CW	(AB)
M12	7-3	0920	14927	Tue	493 493 493 000	CW	(AB)
M12	8-3	0800	15848	Wed	841 841 841 000	CW	(AB)
M12	8-3	0820	17448	Wed	841 841 841 000	CW	(AB)
M12	8-3	2000	10238	Wed	218 218 218 000	CW	(AB/RL/2PI-FIN)

M12	8-3	2020	9138	Wed	218 218 218 000	CW	(AB/RL/2PI-FIN)
M12	9-3	1110	13386	Thu	725 725 725 1 7787 97 7787 97 39068 98842 34965 ... 35726 35272 70266 000 000	CW	(AB)
M12	9-3	1130	12189	Thu	725 725 725 1 7787 97 7787 97 39068 98842 34965 ... 35726 35272 70266 000 000	CW	(AB)
M12	9-3	1150	11491	Thu	725 725 725 1 7787 97 7787 97 39068 98842 34965 ... 35726 35272 70266 000 000	CW	(AB)
M12	9-3	1400	20849	Thu	842 842 842 1 8568 101 8568 101 90609 31028 83158 ... 85215 29679 39872 000 000	CW	(AB)
M12	9-3	1420	19449	Thu	842 842 842 1 8568 101 8568 101 90609 31028 83158 ... 85215 29679 39872 000 000	CW	(AB)
M12	9-3	1440	18249	Thu	842 842 842 1 8568 101 8568 101 90609 31028 83158 ... 85215 29679 39872 000 000	CW	(AB)
M12	9-3	2300	7957	Thu	917 917 917 000	CW	(AB/RL/HFD)
M12	9-3	2300	9157	Thu	917 917 917 000	CW	(AB/RL/HFD)
M12	10-3	0030	5863	Fri	841 841 841 1 7579 97 7579 97 34865 39661 66244 ... 68782 40969 21934 000 000	CW	(AB)
M12	10-3	0050	7463	Fri	841 841 841 1 7579 97 7579 97 34865 39661 66244 ... 68782 40969 21934 000 000	CW	(AB)
M12	10-3	0110	8163	Fri	841 841 841 1 7579 97 7579 97 34865 39661 66244 ... 68782 40969 21934 000 000	CW	(AB)
M12	10-3	0900	14427	Fri	493 493 493 000	CW	(AB)
M12	10-3	0920	14927	Fri	493 493 493 000	CW	(AB)
M12	10-3	2000	10238	Fri	218 218 218 000	CW	(AB/RL)
M12	10-3	2020	9138	Fri	218 218 218 000	CW	(AB/RL)
M12	10-3	2200	8126	Fri	178 178 178 1 357 94 357 94 06403 78662 38854 ... 13225 53833 80413 000 000	CW	(AB/RL)
M12	10-3	2220	7526	Fri	178 178 178 1 357 94 357 94 06403 78662 38854 ... 13225 53833 80413 000 000	CW	(AB/RL)
M12	10-3	2240	6826	Fri	178 178 178 1 357 94 357 94 06403 78662 38854 ... 13225 53833 80413 000 000	CW	(AB/2PI-G)
M12	11-3	1800	11435	Sat	938 938 938 1 4315 77 4315 77 92681 90265 24618 ... 67663 99519 78990 000 000	CW	(AB-ROU)
M12	11-3	1820	10598	Sat	938 938 938 1 4315 77 4315 77 92681 90265 24618 ... 67663 99519 78990 000 000	CW	(AB)
M12	11-3	1840	9327	Sat	938 938 938 1 4315 77 4315 77 92681 90265 24618 ... 67663 99519 78990 000 000	CW	(AB)
M12	11-3	2200	8126	Sat	178 178 178 1 357 94 357 94 06403 78662 38854 ... 13225 53833 80413 000 000	CW	(AB)
M12	11-3	2220	7526	Sat	178 178 178 1 357 94 357 94 06403 78662 38854 ... 13225 53833 80413 000 000	CW	(AB)
M12	11-3	2240	6826	Sat	178 178 178 1 357 94 357 94 06403 78662 38854 ... 13225 53833 80413 000 000	CW	(AB)
M12	12-3	0800	15848	Sun	841 841 841 000	CW	(AB)
M12	12-3	0820	17448	Sun	841 841 841 000	CW	(AB)
M12	13-3	1230	12205	Mon	973 973 973 1 4011 60 4011 60 21939 14302 78659 ... 88958 18819 13169 000 000	CW	(AB/HFD)
M12	13-3	1250	13559	Mon	973 973 973 1 4011 60 4011 60 21939 14302 78659 ... 88958 18819 13169 000 000	CW	(AB/HFD)
M12	13-3	1310	14728	Mon	973 973 973 1 4011 60 4011 60 21939 14302 78659 ... 88958 18819 13169 000 000	CW	(AB/HFD)
M12	13-3	1400	20849	Mon	842 842 842 1 329 183 329 183 22023 45428 92923 ... 01461 15497 74174 000 000	CW	(AB)
M12	13-3	1420	19449	Mon	842 842 842 1 329 183 329 183 22023 45428 92923 ... 01461 15497 74174 000 000	CW	(AB)
M12	13-3	1440	18249	Mon	842 842 842 1 329 183 329 183 22023 45428 92923 ... 01461 15497 74174 000 000	CW	(AB)
M12	13-3	2300	9157	Mon	917 917 917 1 218 135 218 135 27237 10660 67513 ... 77174 29952 62402 000 000	CW	(AB)
M12	13-3	2320	7957	Mon	917 917 917 1 218 135 218 135 27237 10660 67513 ... 77174 29952 62402 000 000	CW	(AB)
M12	13-3	2340	6857	Mon	917 917 917 1 218 135 218 135 27237 10660 67513 ... 77174 29952 62402 000 000	CW	(AB)
M12	14-3	0030	5863	Tue	841 841 841 1 9404 135 9404 135 69922 97499 54676 ... 14469 74384 26463 000 000	CW	(AB)
M12	14-3	0050	7463	Tue	841 841 841 1 9404 135 9404 135 69922 97499 54676 ... 14469 74384 26463 000 000	CW	(AB)
M12	14-3	0110	8163	Tue	841 841 841 1 9404 135 9404 135 69922 97499 54676 ... 14469 74384 26463 000 000	CW	(AB)
M12	14-3	0900	14427	Tue	493 493 493 000	CW	(AB)
M12	14-3	0920	14927	Tue	493 493 493 000	CW	(AB)
M12	15-3	0800	15848	Wed	841 841 841 1 255 245 255 245 42925 91148 45766 ... 22367 20097 86533 000 000	CW	(AB)

M12	15-3	0820	17448	Wed	841 841 841 1 255 245 255 245 42925 91148 45766 ... 22367 20097 86533 000 000	CW	(AB)
M12	15-3	0840	19148	Wed	841 841 841 1 255 245 255 245 42925 91148 45766 ... 22367 20097 86533 000 000	CW	(AB)
M12	15-3	2000	10238	Wed	218 218 218 1 557 185 557 185 99072 50278 96533 ... 58100 57973 05798 000 000	CW	(AB)
M12	15-3	2020	9138	Wed	218 218 218 1 557 185 557 185 99072 50278 96533 ... 58100 57973 05798 000 000	CW	(AB)
M12	15-3	2040	7838	Wed	218 218 218 1 557 185 557 185 99072 50278 96533 ... 58100 57973 05798 000 000	CW	(AB)
M12	16-3	1110	13386	Thu	725 725 725 1 8177 97 8177 97 18767 84243 88593 ... 95815 97903 44937 000 000	CW	(AB)
M12	16-3	1130	12189	Thu	725 725 725 1 8177 97 8177 97 18767 84243 88593 ... 95815 97903 44937 000 000	CW	(AB)
M12	16-3	1150	11491	Thu	725 725 725 1 8177 97 8177 97 18767 84243 88593 ... 95815 97903 44937 000 000	CW	(AB)
M12	16-3	1400	20849	Thu	842 842 842 1 329 183 329 183 22023 45428 92923 ... 01461 15497 74174 000 000	CW	(AB/MPJ)
M12	16-3	1420	19449	Thu	842 842 842 1 329 183 329 183 22023 45428 92923 ... 01461 15497 74174 000 000	CW	(AB/MPJ)
M12	16-3	1440	18249	Thu	842 842 842 1 329 183 329 183 22023 45428 92923 ... 01461 15497 74174 000 000	CW	(AB/MPJ)
M12	16-3	2300	9157	Thu	917 917 917 1 218 135 218 135 27237 10660 67513 ... 77174 29952 62402 000 000	CW	(RL)
M12	16-3	2320	7957	Thu	917 917 917 1 218 135 218 135 27237 10660 67513 ... 77174 29952 62402 000 000	CW	(RL)
M12	16-3	2340	6857	Thu	917 917 917 1 218 135 218 135 27237 10660 67513 ... 77174 29952 62402 000 000	CW	(RL)
M12	17-3	0030	5863	Fri	841 841 841 1 9404 135 9404 135 69922 97499 54676 ... 14469 74384 26463 000 000	CW	(AB)
M12	17-3	0050	7463	Fri	841 841 841 1 9404 135 9404 135 69922 97499 54676 ... 14469 74384 26463 000 000	CW	(AB)
M12	17-3	0110	8163	Fri	841 841 841 1 9404 135 9404 135 69922 97499 54676 ... 14469 74384 26463 000 000	CW	(AB)
M12	17-3	0900	14427	Fri	493 493 493 000	CW	(AB)
M12	17-3	0920	14927	Fri	493 493 493 000	CW	(AB)
M12	17-3	2000	10238	Fri	218 218 218 1 557 185 557 185 99072 50278 96533 ... 58100 57973 05798 000 000	CW	(AB)
M12	17-3	2020	9138	Fri	218 218 218 1 557 185 557 185 99072 50278 96533 ... 58100 57973 05798 000 000	CW	(AB/RL)
M12	17-3	2040	7838	Fri	218 218 218 1 557 185 557 185 99072 50278 96533 ... 58100 57973 05798 000 000	CW	(AB/RL)
M12	17-3	2200	8126	Fri	178 178 178 1 261 92 261 92 57451 21136 94582 ... 57427 17836 05362 000 000	CW	(AB/RL)
M12	17-3	2220	7526	Fri	178 178 178 1 261 92 261 92 57451 21136 94582 ... 57427 17836 05362 000 000	CW	(AB/RL)
M12	17-3	2240	6826	Fri	178 178 178 1 261 92 261 92 57451 21136 94582 ... 57427 17836 05362 000 000	CW	(AB/RL)
M12	18-3	1800	11435	Sat	938 938 938 1 2644 71 2644 71 48539 76646 61090 ... 02718 69429 86835 000 000	CW	(AB/ROU)
M12	18-3	1820	10598	Sat	938 938 938 1 2644 71 2644 71 48539 76646 61090 ... 02718 69429 86835 000 000	CW	(AB)
M12	18-3	1840	9327	Sat	938 938 938 1 2644 71 2644 71 48539 76646 61090 ... 02718 69429 86835 000 000	CW	(AB)
M12	18-3	2200	8126	Sat	178 178 178 1 261 92 261 92 57451 21136 94582 ... 57427 17836 05362 000 000	CW	(AB/2PI-FIN)
M12	18-3	2220	7526	Sat	178 178 178 1 261 92 261 92 57451 21136 94582 ... 57427 17836 05362 000 000	CW	(AB/2PI-FIN)
M12	18-3	2240	6826	Sat	178 178 178 1 261 92 261 92 57451 21136 94582 ... 57427 17836 05362 000 000	CW	(AB)
M12	19-3	0800	15848	Sun	841 841 841 1 255 245 255 245 42925 91148 45766 ... 22367 20097 86533 000 000	CW	(AB)
M12	19-3	0820	17448	Sun	841 841 841 1 255 245 255 245 42925 91148 45766 ... 22367 20097 86533 000 000	CW	(AB)
M12	19-3	0840	19148	Sun	841 841 841 1 255 245 255 245 42925 91148 45766 ... 22367 20097 86533 000 000	CW	(AB)
M12	20-3	1230	12205	Mon	973 973 973 1 9435 63 9435 63 34740 28081 93141 ... 66305 50290 33309 000 000	CW	(AB)
M12	20-3	1250	13559	Mon	973 973 973 1 9435 63 9435 63 34740 28081 93141 ... 66305 50290 33309 000 000	CW	(AB)
M12	20-3	1310	14728	Mon	973 973 973 1 9435 63 9435 63 34740 28081 93141 ... 66305 50290 33309 000 000	CW	(AB)
M12	20-3	1400	20849	Mon	842 842 842 000	CW	(AB)
M12	20-3	1420	19449	Mon	842 842 842 000	CW	(AB)
M12	20-3	2300	9157	Mon	917 917 917 1 8640 151 8640 151 12155 35315 87375 ... 48816 98525 56050 000 000	CW	(AB/RL)
M12	20-3	2320	7957	Mon	917 917 917 1 8640 151 8640 151 12155 35315 87375 ... 48816 98525 56050 000 000	CW	(AB/RL)
M12	20-3	2340	6857	Mon	917 917 917 1 8640 151 8640 151 12155 35315 87375 ... 48816 98525 56050 000 000	CW	(AB/RL)

M12	21-3	0030	5863	Tue	841 841 841 1 8528 125 8528 125 44373 41050 78835 ... 23968 85361 79614 000 000	CW	(AB)
M12	21-3	0050	7463	Tue	841 841 841 1 8528 125 8528 125 44373 41050 78835 ... 23968 85361 79614 000 000	CW	(AB)
M12	21-3	0110	8163	Tue	841 841 841 1 8528 125 8528 125 44373 41050 78835 ... 23968 85361 79614 000 000	CW	(AB)
M12	21-3	0900	14427	Tue	493 493 493 000	CW	(AB)
M12	21-3	0920	14927	Tue	493 493 493 000	CW	(AB)
M12	22-3	0800	15848	Wed	841 841 841 1 4173 227 4173 227 57407 40497 98560 ... 08661 77390 69248	CW	(AB)
M12	22-3	0820	17448	Wed	841 841 841 1 4173 227 4173 227 57407 40497 98560 ... 08661 77390 69248	CW	(AB)
M12	22-3	0840	19148	Wed	841 841 841 1 4173 227 4173 227 57407 40497 98560 ... 08661 77390 69248	CW	(AB)
M12	22-3	2000	10238	Wed	218 218 218 1 6320 163 6320 163 99211 82791 95927 ... 19219 97611 00127 000 000	CW	(AB/RL)
M12	22-3	2020	9138	Wed	218 218 218 1 6320 163 6320 163 99211 82791 95927 ... 19219 97611 00127 000 000	CW	(AB/RL)
M12	22-3	2040	7838	Wed	218 218 218 1 6320 163 6320 163 99211 82791 95927 ... 19219 97611 00127 000 000	CW	(AB/RL)
M12	23-3	1110	13386	Thu	725 725 725 1 9175 91 9175 91 91474 06133 90660 ... 49401 69270 87835 000 000	CW	(AB)
M12	23-3	1130	12189	Thu	725 725 725 1 9175 91 9175 91 91474 06133 90660 ... 49401 69270 87835 000 000	CW	(AB/RL)
M12	23-3	1150	11491	Thu	725 725 725 1 9175 91 9175 91 91474 06133 90660 ... 49401 69270 87835 000 000	CW	(AB/RL)
M12	23-3	1400	20849	Thu	842 842 842 000	CW	(AB/MPJ)
M12	23-3	1420	19449	Thu	842 842 842 000	CW	(AB/RL/MPJ)
M12	23-3	2300	9157	Thu	917 917 917 1 8640 151 8640 151 12155 35315 87375 ... 48816 98525 56050 000 000	CW	(AB/RL)
M12	23-3	2320	7957	Thu	917 917 917 1 8640 151 8640 151 12155 35315 87375 ... 48816 98525 56050 000 000	CW	(AB/RL)
M12	23-3	2340	6857	Thu	917 917 917 1 8640 151 8640 151 12155 35315 87375 ... 48816 98525 56050 000 000	CW	(AB/RL)
M12	24-3	0030	5863	Fri	841 841 841 1 8528 125 8528 125 44373 41050 78835 ... 23968 85361 79614 000 000	CW	(AB)
M12	24-3	0050	7463	Fri	841 841 841 1 8528 125 8528 125 44373 41050 78835 ... 23968 85361 79614 000 000	CW	(AB)
M12	24-3	0110	8163	Fri	841 841 841 1 8528 125 8528 125 44373 41050 78835 ... 23968 85361 79614 000 000	CW	(AB)
M12	24-3	0900	14427	Fri	493 493 493 000	CW	(AB)
M12	24-3	0920	14927	Fri	493 493 493 000	CW	(AB)
M12	24-3	2000	10238	Fri	218 218 218 (too weak to copy)	CW	(AB)
M12	24-3	2020	9138	Fri	218 218 218 (too weak to copy)	CW	(AB)
M12	24-3	2040	7838	Fri	218 218 218 (too weak to copy)	CW	(AB)
M12	25-3	1800	11435	Sat	938 938 938 1 6576 72 6576 72 66494 22632 74927 46745 ... 16735 51202 67483 000 000	CW	(AB)
M12	25-3	1820	10598	Sat	938 938 938 1 6576 72 6576 72 66494 22632 74927 46745 ... 16735 51202 67483 000 000	CW	(AB)
M12	25-3	1840	9327	Sat	938 938 938 1 6576 72 6576 72 66494 22632 74927 46745 ... 16735 51202 67483 000 000	CW	(AB)
M12	25-3	2200	8126	Sat	178 178 178 1 261 92 261 92 57451 21136 94582 ... 57427 17836 05362 000 000	CW	(AB/RL)
M12	25-3	2220	7526	Sat	178 178 178 1 261 92 261 92 57451 21136 94582 ... 57427 17836 05362 000 000	CW	(AB/RL)
M12	25-3	2240	6826	Sat	178 178 178 1 261 92 261 92 57451 21136 94582 ... 57427 17836 05362 000 000	CW	(AB/RL)
M12	26-3	0800	15848	Sun	841 841 841 1 4173 227 4173 227 57407 40497 98560 ... 661 77390 69248 000 000	CW	(AB)
M12	26-3	0820	17448	Sun	841 841 841 1 4173 227 4173 227 57407 40497 98560 ... 661 77390 69248 000 000	CW	(AB)
M12	26-3	0840	19148	Sun	841 841 841 1 4173 227 4173 227 57407 40497 98560 ... 661 77390 69248 000 000	CW	(AB)
M12	27-3	1230	12205	Mon	973 973 973 1 8869 58 8869 58 12219 64542 40944 ... 60210 50619 53485 000 000	CW	(AB)
M12	27-3	1250	13559	Mon	973 973 973 1 8869 58 8869 58 12219 64542 40944 ... 60210 50619 53485 000 000	CW	(AB)
M12	27-3	1310	14728	Mon	973 973 973 1 8869 58 8869 58 12219 64542 40944 ... 60210 50619 53485 000 000	CW	(AB)
M12	27-3	1400	20849	Mon	842 842 842 1 558 175 558 175 41916 19079 ... 62477 56828 22950 000 000	CW	(AB/MPJ)
M12	27-3	1420	19449	Mon	842 842 842 1 558 175 558 175 41916 19079 ... 62477 56828 22950 000 000	CW	(AB/MPJ)
M12	27-3	1440	18249	Mon	842 842 842 1 558 175 558 175 41916 19079 ... 62477 56828 22950 000 000	CW	(AB/MPJ)

M12	27-3	2300	9157	Mon	917 1 7669 99 62354 61357 48589 ... 53009 37261 49927 000 000	CW	(RL)
M12	27-3	2320	7957	Mon	917 1 7669 99 62354 61357 48589 ... 53009 37261 49927 000 000	CW	(RL)
M12	27-3	2340	6857	Mon	917 1 7669 99 62354 61357 48589 ... 53009 37261 49927 000 000	CW	(RL)
M12	28-3	0030	5863	Tue	841 841 841 1 6615 139 6615 139 62738 19332 00434 ... 31835 94248 32626 000 000	CW	(AB)
M12	28-3	0050	7463	Tue	841 841 841 1 6615 139 6615 139 62738 19332 00434 ... 31835 94248 32626 000 000	CW	(AB)
M12	28-3	0110	8163	Tue	841 841 841 1 6615 139 6615 139 62738 19332 00434 ... 31835 94248 32626 000 000	CW	(AB)
M12	28-3	0900	14427	Tue	493 493 493 000	CW	(AB)
M12	28-3	0920	14927	Tue	493 493 493 000	CW	(AB)
M12	29-3	0800	15848	Wed	841 841 841 1 477 201 477 201 96354 65767 33830 ... 52052 79536 000 000	CW	(AB)
M12	29-3	0820	17448	Wed	841 841 841 1 477 201 477 201 96354 65767 33830 ... 52052 79536 000 000 (after 11 seconds)	CW	(AB)
M12	29-3	0840	19148	Wed	841 841 841 1 477 201 477 201 96354 65767 33830 ... 52052 79536 000 000	CW	(AB)
M12	29-3	2000	10238	Wed	218 218 218 000	CW	(AB)
M12	29-3	2020	9138	Wed	218 218 218 000	CW	(AB)
M12	30-3	1110	13386	Thu	725 725 725 1 8646 98 8646 98 94847 58040 83751 ... 86452 14506 12248 000 000	CW	(AB)
M12	30-3	1130	12189	Thu	725 725 725 1 8646 98 8646 98 94847 58040 83751 ... 86452 14506 12248 000 000	CW	(AB)
M12	30-3	1150	11491	Thu	725 725 725 1 8646 98 8646 98 94847 58040 83751 ... 86452 14506 12248 000 000	CW	(AB)
M12	30-3	1400	20849	Thu	842 842 842 1 558 175 558 175 41916 19079 ... 62477 56828 22950 000 000	CW	(AB/MPJ)
M12	30-3	1420	19449	Thu	842 842 842 1 558 175 558 175 41916 19079 ... 62477 56828 22950 000 000	CW	(AB/MPJ)
M12	30-3	1440	18249	Thu	842 842 842 1 558 175 558 175 41916 19079 ... 62477 56828 22950 000 000	CW	(AB/MPJ)
M12	31-3	0030	5863	Fri	841 841 841 1 6615 139 6615 139 62738 19332 00434 ... 31835 94248 32626 000 000	CW	(AB)
M12	31-3	0050	7463	Fri	841 841 841 1 6615 139 6615 139 62738 19332 00434 ... 31835 94248 32626 000 000	CW	(AB)
M12	31-3	0110	8163	Fri	841 841 841 1 6615 139 6615 139 62738 19332 00434 ... 31835 94248 32626 000 000	CW	(AB)
M12	31-3	0900	14427	Fri	493 493 493 000	CW	(AB)
M12	31-3	0920	14927	Fri	493 493 493 000	CW	(AB)
M12	31-3	2000	10238	Fri	218 218 218 000	CW	(AB)
M12	31-3	2020	9138	Fri	218 218 218 000	CW	(AB)
M14	1-3	0507	12211	Wed	952 040 140 52 52 = = 23640 75834 94197 ... 55983 62353 35197 = 140 140 52 52 00000	CW	(AB/HFD-J)
					Late start		
M14	1-3	0520	10243	Wed	952 040 140 52 52 = = 23640 75834 94197 ... 55983 62353 35197 = 140 140 52 52 00000	CW	(AB/HFD-J)
M14	2-3	0500	12211	Thu	952 147 147 52 52 = = 53313 69300 09431 ... 36734 69265 31992 = 147 147 52 52 00000	CW	(AB-J)
M14	2-3	0520	10243	Thu	952 147 147 52 52 = = 53313 69300 09431 ... 36734 69265 31992 = 147 147 52 52 00000	FSK CW	(AB-J)
					Changed to normal CW at group 52		
M14	3-3	0500	12211	Fri	952 137 137 52 52 = = 00909 31318 75752 ... 99229 39615 57842 = 137 137 52 52 00000	CW	(AB)
M14	3-3	0520	10243	Fri	952 137 137 52 52 = = 00909 31318 75752 ... 99229 39615 57842 = 137 137 52 52 00000	CW	(AB)
M14	6-3	0500	12211	Mon	952 371 371 63 63 = = 72822 50139 64178 ... 32810 84513 75523 = 371 371 63 63 00000	CW	(AB-J)
M14	6-3	0520	10243	Mon	952 371 371 63 63 = = 72822 50139 64178 ... 32810 84513 75523 = 371 371 63 63 00000	CW	(AB-J)
M14	9-3	0500	12211	Thu	952 406 406 51 51 = = 36950 39970 44242 ... 03241 15566 55813 = 406 406 51 51 00000	CW	(AB-J)
					Inverted morse, restarts, then normal morse		
M14	9-3	0520	10243	Thu	952 406 406 51 51 = = 36950 39970 44242 ... 03241 15566 55813 = 406 406 51 51 00000	CW	(AB-J)
M14	10-3	0500	12211	Fri	952 406 406 51 51 = = 36950 39970 44242 ... 03241 15566 55813 = 406 406 51 51 00000	CW	(AB)
M14	10-3	0520	10243	Fri	952 406 406 51 51 = = 36950 39970 44242 ... 03241 15566 55813 = 406 406 51 51 00000	CW	(AB)

M14	13-3	0500	12211	Mon	952 740 740 51 51 = = 24142 06201 04283 ... 12382 32860 90276 = = 740 740 51 51 00000	CW	(Sublio)
M14	13-3	0520	10243	Mon	952 740 740 51 51 = = 24142 06201 04283 ... 12382 32860 90276 = = 740 740 51 51 00000	CW	(Sublio)
M14	14-3	0500	12211	Tue	952 861 861 57 57 = = 17507 93033 04166 ... 88189 87972 89846 = = 861 861 57 57 00000	CW	(AB/2P-FIN)
M14	14-3	0520	10243	Tue	952 861 861 57 57 = = 17507 93033 04166 ... 88189 87972 89846 = = 861 861 57 57 00000	CW	(AB/2P-FIN)
M14	15-3	0500	12211	Wed	No transmission	CW	(AB-J)
M14	15-3	0520	10243	Wed	Inverted morse. Unreadable	CW	(AB-J)
M14	16-3	0500	12211	Thu	952 468 468 52 52 = = 70837 75085 39592 ... 95689 01133 94399 = = 468 468 52 52 00000	CW	(AB-J)
M14	16-3	0520	10243	Thu	952 468 468 52 52 = = 70837 75085 39592 ... 95689 01133 94399 = = 468 468 52 52 00000	CW	(AB-J)
M14	17-3	0500	12211	Fri	no0 monitored	CW	(AB)
M14	17-3	0500	12211	Fri	952 137 137 53 53 = = 58975 28636 50393 ... 36315 66952 91021 = = 137 137 53 53	CW	(Sublio)
					00000. Restart after group 17		
M14	17-3	0520	10243	Fri	952 137 137 53 53 = = 58975 28636 50393 ... 36315 66952 91021 = = 137 137 53 53 00000	CW	(AB)
M14	17-3	0520	10243	Fri	952 137 137 53 53 = = 58975 28636 50393 ... 36315 66952 91021 = = 137 137 53 53 00000	CW	(Sublio)
M14	20-3	0500	12211	Mon	952 408 408 51 51 = = 24499 01411 24726 ... 55875 69062 06280 = = 408 408 51 51 00000	CW	(AB)
M14	20-3	0520	10243	Mon	952 408 408 51 51 = = 24499 01411 24726 ... 55875 69062 06280 = = 408 408 51 51 00000	CW	(AB)
M14	21-3	0500	12211	Tue	952 167 167 53 53 = = 36701 34979 48088 ... 22404 31613 69272 = = 167 167 53 53 0000	CW	(AB)
M14	21-3	0520	10243	Tue	952 167 167 53 53 = = 36701 34979 48088 ... 22404 31613 69272 = = 167 167 53 53 0000	CW	(AB)
M14	22-3	0500	12211	Wed	952 304 304 59 59 = = 61350 07062 74541 ... 72086 43925 81982 = = 304 304 59 59 00000	CW	(AB-J)
M14	22-3	0520	10243	Wed	952 304 304 59 59 = = 61350 07062 74541 ... 72086 43925 81982 = = 304 304 59 59 00000	CW	(AB-J)
M14	23-3	0500	12211	Thu	952 618 618 52 52 = = 93902 10511 61847 ... 16005 99876 55034 = = 618 618 52 52 00000	CW	(AB-J)
M14	23-3	0520	10243	Thu	952 618 618 52 52 = = 93902 10511 61847 ... 16005 99876 55034 = = 618 618 52 52 00000	CW	(AB-J)
M14	24-3	0500	12211	Fri	952 370 370 51 51 = = 42886 29427 08283 ... 49048 40814 45075 = = 370 370 51 51 00000	CW	(AB)
M14	24-3	0520	10243	Fri	952 370 370 51 51 = = 42886 29427 08283 ... 49048 40814 45075 = = 370 370 51 51 00000	CW	(AB)
M14	25-3	1205	11487	Sat	534 812 812 43 43 = = 73760 61317 70889 ... 07204 08719 14890 = = 812 812 43 43 00000	ICW	(T101)
M14	25-3	1250	9412	Sat	534 812 812 43 43 = = 73760 61317 70889 ... 07204 08719 14890 = = 812 812 43 43 00000	ICW	(PY)
					FSK-CW for 30s, 0hen in0o ICW		
M14	27-3	0500	12211	Mon	952 846 846 52 52 = = 84365 42654 87521 ... 30577 03400 65883 = = 846 846 52 52 00000	CW	(AB)
M14	27-3	0522	10243	Mon	952 846 846 52 52 = = 84365 42654 87521 ... 30577 03400 65883 = = 846 846 52 52 00000	CW	(AB)
					Late Start. Off a0ter 952 callup, back a0 0528z		
M14	28-3	0500	12211	Tue	952 173 173 64 64 = = 84365 42654 87521 ... 30577 03400 65883 = = 173 173 64 64	CW	(AB)
					00000. Wrong group coun0		
M14	28-3	0520	10243	Tue	952 173 173 64 64 = = 84365 42654 87521 ... 30577 03400 65883 = = 173 173 64 64	CW	(AB)
					00000. Wrong group coun0		
M14	29-3	0500	12211	Wed	952 460 460 51 51 = = 63684 33607 56939 ... 28915 10995 30144 = = 460 460 51 51 00000	CW	(AB-J)
M14	29-3	0520	10243	Wed	952 460 460 51 51 = = 63684 33607 56939 ... 28915 10995 30144 = = 460 460 51 51 00000	CW	(AB-J)
M14	30-3	0500	12211	Thu	952 183 183 52 52 = = 08902 32648 87222 ... 16536 42313 14043 = = 183 183 52 52 00000	CW	(AB-J)
M14	30-3	0522	10243	Thu	952 183 183 52 52 = = 08902 32648 87222 ... 16536 42313 14043 = = 183 183 52 52 00000	CW	(AB-J)
M14	30-3	0700	9463	Thu	801 249 249 53 53 = = 50525 92536 59251 ... 26976 23445 17693 = = 249 249 53 53 00000	ICW	(PY)
M14	31-3	0500	12211	Fri	952 704 704 60 60 = = 56369 48769 25506 ... 19727 88480 77076 = = 704 704 60 60 00000	CW	(AB)
M14	31-3	0520	10243	Fri	952 704 704 60 60 = = 56369 48769 25506 ... 19727 88480 77076 = = 704 704 60 60 00000	CW	(AB)
M23	1-3	0556	5345	Wed	Hourly beep	CW	(AB)
M23	2-3	0455	5345	Thu	Hourly beep	CW	(AB)

M23	2-3	0555	5345	Thu	Hourly beep		CW	(AB)
M23	3-3	0655	5345	Fri	Hourly beep		CW	(AB)
M23	4-3	0855	5345	Sat	Hourly beep		CW	(AB)
M23	5-3	0655	5345	Sun	Hourly beep		CW	(AB)
M23	7-3	1356	5345	Tue	Hourly beep		CW	(AB)
M23	7-3	1456	5345	Tue	TST TST TST (R 30m)		CW	(AB)
M23	8-3	0456	5345	Wed	Hourly beep		CW	(AB)
M23	8-3	0756	5345	Wed	Hourly beep		CW	(AB)
M23	8-3	0951	5345	Wed	TST TST TST (R 30m)		CW	(AB)
M23	8-3	1041	5345	Wed	000 000 000 (R 15m)		CW	(AB)
M23	8-3	1256	5345	Wed	030 030 030 (R 10m)		CW	(AB)
M23	8-3	1456	5345	Wed	TST TST TST (R 30m)		CW	(AB)
M23	9-3	0456	5345	Thu	Hourly beep		CW	(AB)
M23	9-3	0656	5345	Thu	Hourly beep		CW	(AB)
M23	9-3	0951	5345	Thu	TST TST TST (R 30m)		CW	(AB)
M23	9-3	1041	5345	Thu	000 000 000 (R 15m)		CW	(AB)
M23	9-3	1256	5345	Thu	030 030 030 (R 10m)		CW	(AB)
M23	9-3	1326	5345	Thu	541 541 541 (R 12m)		CW	(AB)
M23	9-3	1516	5345	Thu	333 333 333 (R 12m)		CW	(AB)
M23	10-3	0455	5345	Fri	Hourly beep		CW	(AB)
M23	10-3	0856	5345	Fri	541 541 541 (R 12m)		CW	(AB)
M23	10-3	1031	5345	Fri	591 591 591 (R 12m)		CW	(AB)
M23	10-3	1256	5345	Fri	ST3 ST3 ST3 (R 20m)		CW	(AB)
M23	10-3	1326	5345	Fri	541 541 541 (R 12m)		CW	(AB)
M23	10-3	2356	5345	Fri	Hourly beep		CW	(2PI-FIN)
M23	11-3	0556	5345	Sat	Hourly beep		CW	(AB)
M23	11-3	0856	5345	Sat	541 541 541 (R 12m)		CW	(AB)
M23	11-3	1231	5345	Sat	591 591 591 (R 12m)		CW	(AB)
M23	11-3	1256	5345	Sat	ST3 ST3 ST3 (R 20m)		CW	(AB/MPJ)
M23	11-3	1326	5345	Sat	541 541 541 (R 12m)		CW	(AB)
M23	11-3	1656	5345	Sat	Hourly beep		CW	(2PI-FIN)
M23	11-3	1756	5345	Sat	591 591 591 (R 12m)		CW	(AB)
M23	11-3	1856	5345	Sat	ST3 ST3 ST3 (R 20m)		CW	(AB)
M23	12-3	0656	5345	Sun	Hourly beep		CW	(AB)
M23	12-3	0856	5345	Sun	541 541 541 (R 12m)		CW	(AB)
M23	12-3	1231	5345	Sun	591 591 591 (R 12m)		CW	(AB)
M23	12-3	1256	5345	Sun	ST3 ST3 ST3 (R 20m)		CW	(AB/2PI-G)
M23	12-3	1326	5345	Sun	541 541 541 (R 12m)		CW	(AB/2PI-G)
M23	12-3	1756	5345	Sun	591 591 591 (R 12m)		CW	(AB)
M23	12-3	1856	5345	Sun	ST3 ST3 ST3 (R 20m)		CW	(AB)
M23	13-3	0756	5345	Mon	Hourly beep		CW	(AB)
M23	13-3	0856	5345	Mon	541 541 541 (R 12m)		CW	(AB)

M23	13-3	1231	5345	Mon	591 591 591 (R 12m)	CW	(AB)
M23	13-3	1256	5345	Mon	ST3 ST3 ST3 (R 20m)	CW	(AB)
M23	13-3	1326	5345	Mon	541 541 541 (R 12m)	CW	(AB)
M23	13-3	1756	5345	Mon	591 591 591 (R 12m)	CW	(AB)
M23	13-3	1856	5345	Mon	ST3 ST3 ST3 (R 20m)	CW	(AB)
M23	14-3	0756	5345	Tue	Hourly beep	CW	(AB)
M23	14-3	0856	5345	Tue	541 541 541 (R 12m)	CW	(AB)
M23	14-3	1231	5345	Tue	591 591 591 (R 12m)	CW	(AB)
M23	14-3	1256	5345	Tue	ST3 ST3 ST3 (R 20m)	CW	(AB)
M23	14-3	1326	5345	Tue	541 541 541 (R 12m)	CW	(AB)
M23	14-3	1756	5345	Tue	591 591 591 (R 12m)	CW	(AB)
M23	14-3	1856	5345	Tue	ST3 ST3 ST3 (R 20m)	CW	(AB)
M23	15-3	0656	5345	Wed	Hourly beep	CW	(AB)
M23	15-3	0856	5345	Wed	541 541 541 (R 12m)	CW	(AB)
M23	15-3	1231	5345	Wed	591 591 591 (R 12m)	CW	(AB)
M23	15-3	1256	5345	Wed	ST3 ST3 ST3 (R 20m)	CW	(AB)
M23	15-3	1326	5345	Wed	541 541 541 (R 12m)	CW	(AB)
M23	15-3	1756	5345	Wed	591 591 591 (R 12m)	CW	(AB)
M23	15-3	1856	5345	Wed	ST3 ST3 ST3 (R 20m)	CW	(AB)
M23	16-3	0555	5345	Thu	Hourly beep	CW	(AB)
M23	16-3	0856	5345	Thu	541 541 541 (R 12m)	CW	(AB)
M23	16-3	1231	5345	Thu	591 591 591 (R 12m)	CW	(AB)
M23	16-3	1256	5345	Thu	ST3 ST3 ST3 (R 20m)	CW	(AB/MPJ)
M23	16-3	1326	5345	Thu	541 541 541 (R 12m)	CW	(AB)
M23	16-3	1756	5345	Thu	591 591 591 (R 12m)	CW	(AB)
M23	16-3	1856	5345	Thu	ST3 ST3 ST3 (R 20m)	CW	(AB)
M23	17-3	0856	5345	Fri	541 541 541 (R 12m)	CW	(AB)
M23	17-3	1231	5345	Fri	591 591 591 (R 12m)	CW	(AB)
M23	17-3	1256	5345	Fri	ST3 ST3 ST3 (R 20m)	CW	(AB)
M23	17-3	1326	5345	Fri	541 541 541 (R 12m)	CW	(AB)
M23	17-3	1756	5345	Fri	591 591 591 (R 12m)	CW	(AB)
M23	17-3	1856	5345	Fri	ST3 ST3 ST3 (R 20m)	CW	(AB)
M23	18-3	0856	5345	Sat	541 541 541 (R 12m)	CW	(AB)
M23	18-3	1231	5345	Sat	591 591 591 (R 12m)	CW	(AB/2PI-G)
M23	18-3	1256	5345	Sat	ST3 ST3 ST3 (R 20m)	CW	(AB/2PI-G)
M23	18-3	1326	5345	Sat	541 541 541 (R 12m)	CW	(AB/2PI-G)
M23	18-3	1756	5345	Sat	591 591 591 (R 12m)	CW	(AB)
M23	18-3	1856	5345	Sat	ST3 ST3 ST3 (R 20m)	CW	(AB)
M23	19-3	0856	5345	Sun	541 541 541 (R 12m)	CW	(AB)
M23	19-3	1156	5345	Sun	Hourly beep	CW	(AB)
M23	19-3	1231	5345	Sun	591 591 591 (R 12m)	CW	(AB)
M23	19-3	1256	5345	Sun	ST3 ST3 ST3 (R 20m)	CW	(AB)

M23	19-3	1326	5345	Sun	541 541 541 (R 12m)	CW	(AB)
M23	19-3	1756	5345	Sun	591 591 591 (R 12m)	CW	(AB)
M23	19-3	1856	5345	Sun	ST3 ST3 ST3 (R 20m)	CW	(AB)
M23	20-3	0856	5345	Mon	541 541 541 (R 12m)	CW	(AB)
M23	20-3	1231	5345	Mon	591 591 591 (R 12m)	CW	(AB)
M23	20-3	1256	5345	Mon	ST3 ST3 ST3 (R 20m)	CW	(AB)
M23	20-3	1326	5345	Mon	541 541 541 (R 12m)	CW	(AB)
M23	20-3	1500	5345	Mon	SET SET SET (R 18m)	CW	(HFD)
M23	20-3	1756	5345	Mon	591 591 591 (R 12m)	CW	(AB)
M23	20-3	1856	5345	Mon	ST3 ST3 ST3 (R 20m)	CW	(AB)
M23	21-3	0856	5345	Tue	541 541 541 (R 12m)	CW	(AB)
M23	21-3	1231	5345	Tue	591 591 591 (R 12m)	CW	(AB)
M23	21-3	1256	5345	Tue	ST3 ST3 ST3 (R 20m)	CW	(AB/MPJ)
M23	21-3	1326	5345	Tue	541 541 541 (R 12m)	CW	(AB/MPJ)
M23	22-3	1156	5345	Wed	Hourly beep	CW	(AB)
M23	22-3	1500	5345	Wed	SET SET SET (R 18m)	CW	(AB)
M23	22-3	1756	5345	Wed	591 591 591 (R 12m)	CW	(AB/MPJ)
M23	22-3	1856	5345	Wed	ST3 ST3 ST3 (R 20m)	CW	(AB/MPJ)
M23	23-3	0856	5345	Thu	541 541 541 (R 12m)	CW	(AB)
M23	23-3	1308	5345	Thu	S03 i.p.	CW	(BR)
M23	23-3	1500	5345	Thu	SET SET SET (R 30m)	CW	(AB)
M23	23-3	1755	5345	Thu	591 591 591 (R 12m)	CW	(AB/MPJ)
M23	23-3	1855	5345	Thu	ST3 ST3 ST3 (R 20m)	CW	(AB/MPJ)
M23	24-3	0655	5345	Fri	Hourley beep	CW	(AB)
M23	24-3	0855	5345	Fri	541 541 541 (R 12m)	CW	(AB)
M23	24-3	1230	5345	Fri	591 591 591 (R 12m)	CW	(AB/MPJ)
M23	24-3	1255	5345	Fri	ST3 ST3 ST3 (R 20m)	CW	(AB/MPJ)
M23	24-3	1325	5345	Fri	541 541 541 (R 12m)	CW	(AB/MPJ)
M23	24-3	1500	5345	Fri	SET SET SET (R 30m)	CW	(AB/MPJ)
M23	24-3	1756	5345	Fri	591 591 591 (R 12m)	CW	(AB/MPJ)
M23	24-3	1856	5345	Fri	ST3 ST3 ST3 (R 20m)	CW	(AB/MPJ)
M23	25-3	0855	5345	Sat	541 541 541 (R 12m)	CW	(AB)
M23	25-3	1230	5345	Sat	591 591 591 (R 12m)	CW	(AB)
M23	25-3	1255	5345	Sat	ST3 ST3 ST3 (R 20m)	CW	(AB)
M23	25-3	1500	5345	Sat	SET SET SET (R 30m)	CW	(AB)
M23	25-3	1755	5345	Sat	591 591 591 (R 12m)	CW	(AB)
M23	25-3	1855	5345	Sat	ST3 ST3 ST3 (R 20m)	CW	(AB)
M23	26-3	0855	5345	Sun	541 541 541 (R 12m)	CW	(AB)
M23	26-3	1230	5345	Sun	591 591 591 (R 12m)	CW	(AB/MPJ)
M23	26-3	1255	5345	Sun	ST3 ST3 ST3 (R 20m)	CW	(AB/MPJ)
M23	26-3	1325	5345	Sun	541 541 541 (R 12m)	CW	(AB/MPJ)
M23	26-3	1500	5345	Sun	SET SET SET (R 30m)	CW	(AB)

M23	26-3	1755	5345	Sun	591 591 591 (R 12m)	CW	(AB/MPJ)
M23	26-3	1855	5345	Sun	ST3 ST3 ST3 (R 20m)	CW	(AB)
M23	27-3	0855	5345	Mon	541 541 541 (R 12m)	CW	(AB)
M23	27-3	1230	5345	Mon	591 591 591 (R 12m)	CW	(AB)
M23	27-3	1255	5345	Mon	ST3 ST3 ST3 (R 20m)	CW	(AB/MPJ)
M23	27-3	1325	5345	Mon	541 541 541 (R 12m)	CW	(AB/MPJ)
M23	27-3	1500	5345	Mon	SET SET SET (R 30m)	CW	(AB)
M23	27-3	1755	5345	Mon	591 591 591 (R 12m)	CW	(AB/MPJ)
M23	27-3	1855	5345	Mon	ST3 ST3 ST3 (R 20m)	CW	(AB)
M23	28-3	0855	5345	Tue	541 541 541 (R 12m)	CW	(AB)
M23	28-3	1230	5345	Tue	591 591 591 (R 12m)	CW	(AB)
M23	28-3	1255	5345	Tue	ST3 ST3 ST3 (R 20m)	CW	(AB)
M23	28-3	1325	5345	Tue	541 541 541 (R 12m)	CW	(AB)
M23	28-3	1405	5345	Tue	SET SET SET (R 30m)	CW	(AB)
M23	28-3	1700	5345	Tue	591 591 591 (R 12m)	CW	(AB)
M23	28-3	1800	5345	Tue	ST3 ST3 ST3 (R 20m)	CW	(AB)
M23	29-3	1135	5345	Wed	591 591 591 (R 12m)	CW	(AB)
M23	29-3	1200	5345	Wed	ST3 ST3 ST3 (R 20m)	CW	(AB/MPJ)
M23	29-3	1230	5345	Wed	541 541 541 (R 12m)	CW	(AB/MPJ)
M23	29-3	1405	5345	Wed	SET SET SET (R 30m)	CW	(AB)
M23	29-3	1700	5345	Wed	591 591 591 (R 12m)	CW	(AB)
M23	29-3	1800	5345	Wed	ST3 ST3 ST3 (R 20m)	CW	(AB)
M23	30-3	0800	5345	Thu	541 541 541 (R 12m)	CW	(AB)
M23	30-3	1135	5345	Thu	591 591 591 (R 12m)	CW	(AB)
M23	30-3	1200	5345	Thu	ST3 ST3 ST3 (R 20m)	CW	(AB)
M23	30-3	1230	5345	Thu	541 541 541 (R 12m)	CW	(AB)
M23	30-3	1405	5345	Thu	SET SET SET (R 30m)	CW	(AB)
M23	30-3	1700	5345	Thu	591 591 591 (R 12m)	CW	(AB)
M23	30-3	1800	5345	Thu	ST3 ST3 ST3 (R 20m)	CW	(AB)
M23	31-3	0800	5345	Fri	541 541 541 (R 12m)	CW	(AB)
M23	31-3	1135	5345	Fri	591 591 591 (R 12m)	CW	(AB)
M23	31-3	1200	5345	Fri	ST3 ST3 ST3 (R 20m)	CW	(AB)
M23	31-3	1230	5345	Fri	541 541 541 (R 12m)	CW	(AB)
M23	31-3	1405	5345	Fri	SET SET SET (R 30m)	CW	(AB)
M23	31-3	1700	5345	Fri	591 591 591 (R 12m)	CW	(AB)
M23	31-3	1800	5345	Fri	ST3 ST3 ST3 (R 20m)	CW	(AB)
M42	1-3	0925	14636	Wed	Russian diplo	MFSK-66	(AB/RXR)
M42	1-3	1053	14653	Wed	Russian diplo	Serdolik v2	(RXR)
M42	1-3	1113	14653	Wed	Russian diplo. Serdolik selcal	Serdolik v2	(AB/RXR)
M42	1-3	1308	17445	Wed	Russian diplo	OFDM	(AB)
M42	5-3	0648	13491	Sun	Russian diplo	MFSK-66	(RO)
M42	5-3	0700	12160	Sun	Russian diplo	MFSK-66	(RO)

M42	7-3	0830	16190	Tue	Russian diplo.	MFSK-66	(AB)
M42	7-3	0919	13401	Tue	Russian diplo	MFSK-66	(RO)
M42	7-3	1143	17419	Tue	Russian diplo	Serdolik v2	(AB)
M42	9-3	1620	14784	Thu	Russian diplo	MFSK-66	(AB)
M42	10-3	0902	12193	Fri	Russian diplo	Serdolik v2	(AB)
M42	10-3	0916	12193	Fri	Russian diplo	Serdolik v2	(AB)
M42	10-3	0948	10410	Fri	Russian diplo	MFSK-66	(AB/RXR)
M42	13-3	0905	10470	Mon	Russian diplo	MFSK-66	(AB)
M42	13-3	1006	13425	Mon	Russian diplo	MFSK-66	(AB/RO)
M42	15-3	1050	17444	Wed	Russian diplo	Serdolik v2	(RXR)
M42	15-3	1059	14650	Wed	Russian diplo	Serdolik v2	(RXR)
M42	15-3	1103	14650	Wed	Russian diplo	Serdolik v2	(RXR)
M42	15-3	1106	17440	Wed	Russian diplo	Serdolik v2	(RXR)
M42	15-3	1108	14650	Wed	Russian diplo	Serdolik v2	(RXR)
M42	15-3	1113	17440	Wed	Russian diplo	Serdolik v2	(RXR)
M42	15-3	1114	14650	Wed	Russian diplo	Serdolik v2	(RXR)
M42	15-3	1115	17440	Wed	Russian diplo	Serdolik v2	(RXR)
M42	16-3	0804	16313	Thu	Russian diplo	Serdolik v2	(AB)
M42	16-3	0917	17448	Thu	Russian diplo	MFSK-66	(AB)
M42	20-3	0856	12122	Mon	Russian diplo	MFSK-66	(Moon)
M42	21-3	0930	8005	Tue	Russian diplo	MFSK-66	(AB/RO)
M42	21-3	0935	15945	Tue	Russian diplo	MFSK-66	(RO)
M42	21-3	1147	17419	Tue	Russian diplo	Serdolik v2	(AB)
M42	21-3	1437	12203	Tue	Russian diplo	MFSK-66	(AB)
M42	22-3	0859	11154	Wed	Russian diplo	Serdolik v2	(AB/RO)
M42	22-3	0907	12188	Wed	Russian diplo	Serdolik v2	(AB)
M42	27-3	0841	17466	Mon	Russian diplo. Idling	Serdolik v2	(AB/RXR)
M42	27-3	0850	17466	Mon	Russian diplo.	Serdolik v2	(AB/RXR)
M42	27-3	0853	17466	Mon	Russian dipl	Serdolik v2	(RRX)
M42	27-3	0949	19273	Mon	Russian diplo.	Serdolik v2	(AB/Anon)
M42	28-3	0817	13515	Tue	Russian diplo	Serdolik v2	(RO)
M42	28-3	0834	14941	Tue	Russian diplo	Serdolik v2	(RO)
M42	28-3	1335	14930	Tue	Russian embassy Havana wkG MFA Moscow. QSX 16103 kHz	OFDM-45	(DW-MD)
M42	28-3	1335	16103	Tue	MFA Moscow wkG Russian embassy Havana. QSX 14930 kHz	OFDM-45	(DW-MD)
M42	31-3	0526	18273	Fri	Russian net	MFSK-11	(EW)
M42	31-3	0700	24527	Fri	Russian intel.	8xQSPK/62.5Bd+250Bd BPSK bursts	(AB)
M42	31-3	0710	23158	Fri	Russian intel.	8xQSPK/62.5Bd+250Bd BPSK bursts	(AB)
M42	31-3	0720	23866	Fri	Russian intel.	8xQSPK/62.5Bd+250Bd BPSK bursts	(AB)
M42	31-3	0730	21875	Fri	Russian intel.	8xQSPK/62.5Bd+250Bd BPSK bursts	(AB)
M42	31-3	0740	20649	Fri	Russian intel.	8xQSPK/62.5Bd+250Bd BPSK bursts	(AB)
M42	31-3	0750	19319	Fri	Russian intel.	8xQSPK/62.5Bd+250Bd BPSK bursts	(AB)
M42	31-3	0800	24381	Fri	Russian intel.	8xQSPK/62.5Bd+250Bd BPSK bursts	(AB)

M42	31-3	0810	23137	Fri	Russian intel.	8xQSPK/62.5Bd+250Bd BPSK bursts	(AB)
M42	31-3	0820	22875	Fri	Russian intel.	8xQSPK/62.5Bd+250Bd BPSK bursts	(AB)
M42	31-3	0830	21894	Fri	Russian intel.	8xQSPK/62.5Bd+250Bd BPSK bursts	(AB)
M42	31-3	0840	20752	Fri	Russian intel.	8xQSPK/62.5Bd+250Bd BPSK bursts	(AB)
M42	31-3	0850	19601	Fri	Russian intel.	8xQSPK/62.5Bd+250Bd BPSK bursts	(AB)
M42	31-3	0900	24427	Fri	Russian intel.	8xQSPK/62.5Bd+250Bd BPSK bursts	(AB)
M42	31-3	0910	23124	Fri	Russian intel.	8xQSPK/62.5Bd+250Bd BPSK bursts	(AB)
M42	31-3	0920	22886	Fri	Russian intel.	8xQSPK/62.5Bd+250Bd BPSK bursts	(AB)
M42	31-3	0930	21873	Fri	Russian intel.	8xQSPK/62.5Bd+250Bd BPSK bursts	(AB)
M42	31-3	0940	20458	Fri	Russian intel.	8xQSPK/62.5Bd+250Bd BPSK bursts	(AB)
M42	31-3	0950	19111	Fri	Russian intel.	8xQSPK/62.5Bd+250Bd BPSK bursts	(AB)
M42	31-3	1000	20494	Fri	Russian intel.	8xQSPK/62.5Bd+250Bd BPSK bursts	(AB)
M42	31-3	1010	19181	Fri	Russian intel.	8xQSPK/62.5Bd+250Bd BPSK bursts	(AB)
M42	31-3	1020	17441	Fri	Russian intel.	8xQSPK/62.5Bd+250Bd BPSK bursts	(AB)
M42	31-3	1030	16259	Fri	Russian intel.	8xQSPK/62.5Bd+250Bd BPSK bursts	(AB)
M42	31-3	1040	15834	Fri	Russian intel.	8xQSPK/62.5Bd+250Bd BPSK bursts	(AB)
M42	31-3	1050	14574	Fri	Russian intel.	8xQSPK/62.5Bd+250Bd BPSK bursts	(AB)
M42	31-3	1200	16293	Fri	Russian intel.	8xQSPK/62.5Bd+250Bd BPSK bursts	(AB)
M42	31-3	1210	15872	Fri	Russian intel.	8xQSPK/62.5Bd+250Bd BPSK bursts	(AB)
M42	31-3	1220	14754	Fri	Russian intel.	8xQSPK/62.5Bd+250Bd BPSK bursts	(AB)
M42	31-3	1230	13392	Fri	Russian intel.	8xQSPK/62.5Bd+250Bd BPSK bursts	(AB)
M42	31-3	1240	11439	Fri	Russian intel.	8xQSPK/62.5Bd+250Bd BPSK bursts	(AB)
M42	31-3	1250	10358	Fri	Russian intel.	8xQSPK/62.5Bd+250Bd BPSK bursts	(AB)
M42	31-3	1300	15874	Fri	Russian intel.	8xQSPK/62.5Bd+250Bd BPSK bursts	(AB)
M42	31-3	1310	14383	Fri	Russian intel.	8xQSPK/62.5Bd+250Bd BPSK bursts	(AB)
M42	31-3	1320	13441	Fri	Russian intel.	8xQSPK/62.5Bd+250Bd BPSK bursts	(AB)
M42	31-3	1330	12158	Fri	Russian intel.	8xQSPK/62.5Bd+250Bd BPSK bursts	(AB)
M42	31-3	1340	11544	Fri	Russian intel.	8xQSPK/62.5Bd+250Bd BPSK bursts	(AB)
M42	31-3	1350	10394	Fri	Russian intel.	8xQSPK/62.5Bd+250Bd BPSK bursts	(AB)
M42	31-3	1400	13887	Fri	Russian intel.	8xQSPK/62.5Bd+250Bd BPSK bursts	(AB)
M42	31-3	1410	13372	Fri	Russian intel.	8xQSPK/62.5Bd+250Bd BPSK bursts	(AB)
M42	31-3	1420	12187	Fri	Russian intel.	8xQSPK/62.5Bd+250Bd BPSK bursts	(AB)
M42	31-3	1430	11021	Fri	Russian intel.	8xQSPK/62.5Bd+250Bd BPSK bursts	(AB)
M42	31-3	1440	10237	Fri	Russian intel.	8xQSPK/62.5Bd+250Bd BPSK bursts	(AB)
M42	31-3	1450	9307	Fri	Russian intel.	8xQSPK/62.5Bd+250Bd BPSK bursts	(AB)
M42	31-3	1500	12173	Fri	Russian intel.	8xQSPK/62.5Bd+250Bd BPSK bursts	(AB)
M42	31-3	1510	11544	Fri	Russian intel.	8xQSPK/62.5Bd+250Bd BPSK bursts	(AB)
M42	31-3	1520	10351	Fri	Russian intel.	8xQSPK/62.5Bd+250Bd BPSK bursts	(AB)
M42	31-3	1530	9397	Fri	Russian intel.	8xQSPK/62.5Bd+250Bd BPSK bursts	(AB)
M42	31-3	1540	9109	Fri	Russian intel.	8xQSPK/62.5Bd+250Bd BPSK bursts	(AB)
M42	31-3	1550	8174	Fri	Russian intel.	8xQSPK/62.5Bd+250Bd BPSK bursts	(AB)

M42b	22-3	0640	10870	Wed	0es0s: 121741/01 CEH IZ AB270 NR 002 2290392023 0933 ADMINISTRATOR= VIL BY CIORUS? DA, NO FAX&826; 1234567890+ PROWERKA SWQZL	FSK 50/500	(AB)
M42b	23-3	1000	14380	Thu	RBD QTC? Q5A4 ZQC QTC2 K 11100 30109 12365 23064 05003	FSK 100/500	(AB)
M42b	23-3	1232	14380	Thu	i.p. 0221 38964 92443 99680 27022 89443 87968 02467 =100= -1233 K CFM QRU? K ZVP K BK BK QRV K NIL K R 385 1237 K SK	FSK 50/500 + CW	(AB)
M42b	29-3	0710	15868	Wed	Tests for 1h40m. PROWERKA SWQBI. 11111 22222 33333 44444 55555 66666 77777 88888 99999 00000 121741/1 CEH IZ RWI-3 NR 12 29/03/2023 1032	FSK 50/500	(AB)
M76	5-3	1741	10858	Sun	8RAU 8RAU 8RAU DE TO6N TO6N QTC 185 29 = 26310 15034 90080 ... 95915 50091 6914X NNNNN =	CW	(AB)
M76	7-3	1740	10858	Tue	JUR3 JUR3 JUR3 DE P9OI P9OI QTC 189 32 = 26310 15054 90080 ... 92915 50691 6914X NNNNN =	CW	(AB)
M76	8-3	1750	10858	Wed	SWM8 SWM8 SWM8 DE 134C 134C QTC 192 36 = 26310 15064 90080 ... 91550 59160 15XXX NNNNN =	CW	(AB)
M76	9-3	1818	10858	Thu	i.p. 78 19993 63552 18644 ... 40336 16118 52054 37XXX =	CW	(AB)
M76	10-3	0500	10858	Fri	KTLD KTLD KTLD DE 5DJT 5DJT QTC 189 33 = 26310 05084 00080 ... DDDDD 24208 1030X NNNNN =	CW	(AB)
M76	10-3	1800	10858	Fri	Ä2GK Ä2GK Ä2GK DE FAPU FAPU QTC 202 32 = 26310 15084 90080 ... 50191 6914X NNNNN =	CW	(AB)
M76	11-3	1750	10858	Sat	IV5O IV5O IV5O DE UQAU UQAU QTC 104 35 = 26310 15194 90080 ... 91601 3XXXX NNNNN =	CW	(AB/WN)
M76	12-3	0500	10858	Sun	IV5O IV5O IV5O DE UQAU UQAU QTC ... (largely unreadable)	CW	(AB)
M76	12-3	1750	10858	Sun	HFWW HFWW HFWW DE CAF3 CAF3 QTC 206 30 = 26310 15104 90080 ... 15506 913XX NNNNN =	CW	(AB)
M76	13-3	0500	10858	Mon	HFWW HFWW HFWW DE CAF3 CAF3 QTC 207 31 = 27410 05114 90080 ... 015XX DDDDD 075XXX NNNNN =	CW	(AB)
M76	13-3	1750	10858	Mon	ÜSN1 ÜSN1 ÜSN1 DE OIR8 OIR8 QTC 208 30 = 26310 15114 90080 ... 6015X NNNNN	CW	(AB)
M76	14-3	0500	10858	Tue	ÜSN1 ÜSN1 ÜSN1 DE OIR8 OIR8 QTC 209 40 = 26310 05124 90080 ... 99916 914XX NNNNN =	CW	(AB)
M76	14-3	1750	10858	Tue	VCÄX VCÄX VCÄX DE YBMD YBMD QTC 211 32 = 26310 15124 90080 ... 50091 6914X NNNNN =	CW	(AB)
M76	15-3	0500	10858	Wed	VCÄX VCÄX VCÄX DE YBMD YBMD QTC 212 37 = 26310 05134 90080 ... 50591 6914X NNNNN =	CW	(AB)
M76	16-3	0500	10858	Thu	VCÄS VCÄS VCÄS DE YBMD YBMD QTC 214 31 = 26310 05144 90080 ... 07608 1358X NNNNN =	CW	(AB)
M76	16-3	1750	10858	Thu	26HC 26HC 26HC DE RNGO RNGO QTC 215 30 = 16310 15144 90080 ... 50191 4XXXX NNNNN =	CW	(AB/WN)
M76	17-3	0500	10858	Fri	26HC 26HC 26HC DE RNGO RNGO QTC 216 32 = 26310 05154 90080 30064 ...	CW	(AB)
M76	17-3	1750	10858	Fri	G9CE G9CE G9CE DE 8H5W 8H5W QTC 220 29 = 26310 15154 90080 ... 16915 50191 6015X NNNNN =	CW	(AB/WN)
M76	18-3	0500	10858	Sat	G9CE G9CE G9CE DE 8H5W 8H5W QTC 220 29 = 26310 15154 90080 ... 50191 6015X NNNNN =	CW	(AB/WN)
M76	18-3	1750	10858	Sat	N3QF N3QF DE 35W1 35W1 QTC 223 38 = 26310 15164 90080 ... 50691 6015X NNNNN =	CW	(AB-AUT/WN)

M76	19-3	1750	10858	Sun	QDYM QDYM QDYM DE JMNS JMNS QTC 235 28 = 26310 15174 90080 ... 05075 18015 NNNNN =	CW	(AB)
M76	20-3	0500	10858	Mon	QDYM QDYM QDYM DE JMNS JMNS QTC 226 30 = 26310 05184 90080 ... 50401 5XXXX NNNNN =	CW	(AB)
M76	20-3	1750	10858	Mon	MA76 MA76 MA76 DE S7ÄÜ S7ÄÜ QTC 227 34 = 26310 15184 90080 ... 49891 6914X NNNNN	CW	(AB)
M76	21-3	0500	10858	Tue	MA76 MA76 MA76 DE S7ÄÜ S7ÄÜ QTC 228 34 = 26310 05194 90080 ... 06916 913XX NNNNN =	CW	(AB-POL)
M76	21-3	1750	10858	Tue	6Q1L 6Q1L 6Q1L DE KÜUC KÜUC QTC 231 28 = 26310 15194 90080 ... 50291 6015X NNNNN =	CW	(AB)
M76	22-3	0500	10858	Wed	6Q1L 6Q1L 6Q1L DE KÜUC KÜUC QTC 232 31 = 25310 05204 90080 ... 21023 7XXXX NNNNN =	CW	(AB)
M76	22-3	1750	10858	Wed	D49R D49R D49R DE -IHE -IHE QTC 233 35 = 26310 15204 90080 ... 50691 6015X NNNNN =	CW	(AB-D)
M76	23-3	0500	10858	Thu	EJÜ2 EJÜ2 EJÜ2 DE IKCF IKCF QTC 235 331 = 26310 05214 90080 ... 99160 15XXX NNNNN =	CW	(AB-D)
M76	23-3	1750	10858	Thu	EJÜ2 EJÜ2 EJÜ2 DE IKCF IKCF QTC 235 331 = 26310 15214 90080 ... 50091 6015X NNNNN =	CW	(AB-AUT)
M76	25-3	0500	10858	Sat	ABEB ABEB ABEB DE H-QM H-QM QTC 243 34 = 26310 05234 90080 ... 01181 71237 NNNNN =	CW	(AB)
M76	25-3	1750	10858	Sat	LE8G LE8G LG8G DE ÜEY6 ÜEY6 QTC 245 32 = 26310 15234 90080 ... 50491 6914X NNNNN =	CW	(AB-AUT)
M76	26-3	0400	10858	Sun	LE8G LE8G LG8G DE ÜEY6 ÜEY6 QTC 246 30 = 26310 05244 90080 ... 50391 6015X NNNNN =	CW	(AB)
M76	26-3	1650	10858	Sun	7NK5 7NK5 7NK5 DE VL7L VL7L 247 35 = 26310 15244 90080 ... 50191 6015X NNNNN =	CW	(AB)
M76	27-3	0400	10858	Mon	7NK5 7NK5 7NK5 DE VL7L VL7L QTC 248 37 = 26310 05254 90080 ... 49691 6914X NNNNN =	CW	(AB)
M76	27-3	1650	10858	Mon	WHD4 WHD4 WHD4 DE 4Y1R 4Y1R 249 28 = 26310 15254 90080 ... 06916 015XX NNNNN =	CW	(AB)
M76	28-3	0400	10858	Tue	WHD4 WHD4 WHD4 DE 4Y1R 4Y1R QTC 250 29 = 26310 05264 90080 ... 50691 6913X NNNNN =	CW	(AB)
M76	28-3	1650	10858	Tue	053Y 053Y 053Y DE 2P92 2P92 QTC 251 29 = 26310 15364 90080 ... 50491 4XXXX NNNNN =	CW	(AB)
M76	29-3	0400	10858	Wed	053Y 053Y 053Y DE 2P92 2P92 QTC 252 36 = 26310 05274 90080 ... 15505 015XX NNNNN =	CW	(AB)
M76	29-3	1650	10858	Wed	9M4V 9M4V 9M4V DE G1ÜB G1ÜB QTC 254 33 = 26310 15274 90080 ... 89169 13XXX NNNNN =	CW	(AB-AUT)
M76	30-3	0400	10858	Thu	9M4V 9M4V 9M4V DE G1ÜB G1ÜB QTC 255 37 = 26310 05284 90080 ... 50391 6914X NNNNN =	CW	(AB-D)
M76	30-3	1650	10858	Thu	P729 P729 P729 DE NREG NREG QTC 259 33 = 26310 15284 90080 ... 49991 6914X NNNNN =	CW	(AB-AUT)
M76	31-3	0450	10858	Fri	P729 P729 P729 DE NREG NREG QTC 260 36 = 26310 04884 91080 ... 00916 914XX NNNNN =	CW	(AB)
M76	31-3	1650	10858	Fri	1ÜBP 1ÜBP 1ÜBP DE Q885 Q885 QTC 263 32 = 26310 14884 91080 ... 15499 914XX NNNNN =	CW	(AB-D)

M89	2-3	2005	4178	Thu	XP5B (x3) DE S2D (x2)	CW	(JPL)
M89	2-3	2008	3565	Thu	V BSAS (x3) DE TP4C (x2) //4718	CW	(JPL)
M89	2-3	2008	4718	Thu	V BSAS (x3) DE TP4C (x2) //3565	CW	(JPL)
M89	2-3	2011	4508	Thu	V LHFS (x3) DE 2EDK (x2)	CW	(JPL)
M89	3-3	2113	4508	Fri	V LHFS (x3) DE 2EDK (x2)	CW	(JPL)
M89	3-3	2116	3565	Fri	V BSAS (x3) DE TP4C (x2) //4718 and 6378	CW	(JPL)
M89	3-3	2116	4718	Fri	V BSAS (x3) DE TP4C (x2) //3565 and 6378	CW	(JPL)
M89	3-3	2116	6378	Fri	V BSAS (x3) DE TP4C (x2) //3565 and 4718	CW	(JPL)
M89	3-3	2120	4860	Fri	VV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //6840	CW	(JPL)
M89	3-3	2120	6840	Fri	VV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860	CW	(JPL)
M89	3-3	2130	4720	Fri	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //5150	CW	(JPL)
M89	3-3	2130	4726	Fri	V QPL(x3) DE 4WQ (x2) (R5) QSA ? K	CW	(JPL)
M89	3-3	2130	5150	Fri	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //4720	CW	(JPL)
M89	13-3	1901	3565	Mon	V BSAS (x3) DE TP4C (x2) //4718	CW	(JPL)
M89	13-3	1901	4718	Mon	V BSAS (x3) DE TP4C (x2) //3565	CW	(JPL)
M89	13-3	1904	4508	Mon	V 9GWQ (x3) DE J2PX (x2)	CW	(JPL)
M89	13-3	1920	4860	Mon	VV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //6840	CW	(JPL)
M89	13-3	1920	6840	Mon	VV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860	CW	(JPL)
M89	13-3	1930	4720	Mon	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //5150	CW	(JPL)
M89	13-3	1930	4726	Mon	V QPL(x3) DE 4WQ (x2) (R5) QSA ? K	CW	(JPL)
M89	13-3	1930	5150	Mon	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //4720	CW	(JPL)
M89	15-3	1655	4508	Wed	V 9GWQ (x3) DE J2PX (x2)	CW	(JPL)
M89	15-3	1708	3565	Wed	V BSAS (x3) DE TP4C (x2) //4718	CW	(JPL)
M89	15-3	1708	4718	Wed	V BSAS (x3) DE TP4C (x2) //3565	CW	(JPL)
M89	15-3	1720	4860	Wed	VV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //6840	CW	(JPL)
M89	15-3	1720	6840	Wed	VV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //486	CW	(JPL)
M89	15-3	1730	4720	Wed	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //5150	CW	(JPL)
M89	15-3	1730	4726	Wed	V QPL(x3) DE 4WQ (x2) (R5) QSA ? K	CW	(JPL)
M89	15-3	1730	5150	Wed	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //4720	CW	(JPL)
M89	20-3	1822	3565	Mon	V BSAS (x3) DE TP4C (x2) //4718	CW	(JPL)
M89	20-3	1822	4718	Mon	V BSAS (x3) DE TP4C (x2) //3565	CW	(JPL)
M89	20-3	1927	3888	Mon	i.p. 3ATN 4N3N A4N4 T366 545A NSD3 7AA5 ...	CW	(JPL)
M89	20-3	1930	4508	Mon	V 9GWQ (x3) DE J2PX (x2)	CW	(JPL)
M89	20-3	1930	4720	Mon	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //5150	CW	(JPL)
M89	20-3	1930	4726	Mon	V QPL(x3) DE 4WQ (x2) (R5) QSA ? K	CW	(JPL)
M89	20-3	1930	5150	Mon	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //4720	CW	(JPL)
M89	20-3	1934	5363	Mon	i.p. R QSL 0335 K HR EE RPT K HR WK NR 2357 K R DE 17J	CW	(JPL)
M89	23-3	1120	4860	Thu	VV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //6840	CW	(JPL)
M89	23-3	1120	6840	Thu	VV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860	CW	(JPL)
M89	23-3	1125	4508	Thu	V 9GWQ (x3) DE J2PX (x2)	CW	(JPL)
M89	23-3	1130	4720	Thu	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //5150	CW	(JPL)
M89	23-3	1130	4726	Thu	V QPL(x3) DE 4WQ (x2) (R5) QSA ? K	CW	(JPL)

M89	23-3	1130	5150	Thu	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //4720	CW	(JPL)
M89	23-3	1154	3565	Thu	V BSAS (x3) DE TP4C (x2) //4718	CW	(JPL)
M89	23-3	1154	4718	Thu	V BSAS (x3) DE TP4C (x2) //3565	CW	(JPL)
M89	23-3	1155	4508	Thu	J2PX i.p. 6UD4 AD65 6T36 U3A4 DAT4 ANUD ATT3 III = 6U43	CW	(JPL)
M89	25-3	1845	4508	Sat	V 9GWQ (x3) DE J2PX (x2)	CW	(JPL)
M89	25-3	1846	3565	Sat	V BSAS (x3) DE TP4C (x2) //4718	CW	(JPL)
M89	25-3	1846	4718	Sat	V BSAS (x3) DE TP4C (x2) //3565	CW	(JPL)
M89	25-3	2020	4860	Sat	VV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //6840	CW	(JPL)
M89	25-3	2020	6840	Sat	VV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860	CW	(JPL)
M89	25-3	2030	4720	Sat	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //5150	CW	(JPL)
M89	25-3	2030	4726	Sat	V QPL(x3) DE 4WQ (x2) (R5) QSA ? K	CW	(JPL)
M89	25-3	2030	5150	Sat	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //4720	CW	(JPL)
M89	26-3	1542	5123	Sun	i.p. N45A T7DT 5A74 3TU4 TDUT ...	CW	(JPL)
M89	26-3	1545	4508	Sun	V 9GWQ (x3) DE J2PX (x2)	CW	(JPL)
M89	26-3	1549	3565	Sun	V BSAS (x3) DE TP4C (x2) //4718	CW	(JPL)
M89	26-3	1549	4718	Sun	V BSAS (x3) DE TP4C (x2) //3565	CW	(JPL)
M95	13-3	1912	4178	Mon	V XP5B (x3) DE S2D (x2) //7517	CW	(JPL)
M95	13-3	1912	7517	Mon	V XP5B (x3) DE S2D (x2) //4178	CW	(JPL)
M95	15-3	1650	4178	Wed	V XP5B (x3) DE S2D (x2) //7517	CW	(JPL)
M95	15-3	1650	7517	Wed	V XP5B (x3) DE S2D (x2) //4178	CW	(JPL)
M95	23-3	1130	4364	Thu	V BNGC (x3) DE XSV85 (X2) HR MSG GA PSE CY NR 0263 CK 2	CW	(JPL)
M95	23-3	1130	8073	Thu	V BNGC (x3) DE XSV85 (X2) HR MSG GA PSE CY NR 0263 CK 2	CW	(JPL)
M95	23-3	1147	4243	Thu	VV HR 7G TO YR PSE CY UTU TU3 3U6 3A4 7TU 7TA ... //90	CW	(JPL)
M95	23-3	1147	9054	Thu	VV HR 7G TO YR PSE CY UTU TU3 3U6 3A4 7TU 7TA ... //42	CW	(JPL)
M95	23-3	1215	5651	Thu	V XP5B (x3) DE S2D (x2) //12039	CW	(JPL)
M95	23-3	1215	12039	Thu	V XP5B (x3) DE S2D (x2) //5651	CW	(JPL)
M95	25-3	1848	4178	Sat	V XP5B (x3) DE S2D (x2) //7517	CW	(JPL)
M95	25-3	1848	7517	Sat	V XP5B (x3) DE S2D (x2) //4178	CW	(JPL)
MX	15-3	0517	10872.3	Wed	Beacon K, Petropavlovsk Kamchatskiy	CW	(AB-J)
MX	15-3	0517	10872.4	Wed	Beacon M, Magadan	CW	(AB-J)
MX	15-3	0553	13528.2	Wed	Beacon F, Vladivostok	CW	(AB-J)
MX	15-3	0553	13528.4	Wed	Beacon M, Magadan	CW	(AB-J)
MX	20-3	1329	11811.8	Mon	Beacon L, St Petersburg	FSK CW	(AB)
P03	9-3	0720	13363	Thu	Polish intel.	QPSK	(AB)
P03	9-3	0725	13363	Thu	Polish intel.	QPSK	(AB)
P03	16-3	0720	13363	Thu	Polish intel.	QPSK	(AB)
P03	16-3	0725	13363	Thu	Polish intel.	QPSK	(AB)
P03	21-3	0720	13363	Tue	Polish intel.	QPSK	(AB)
P03	21-3	0725	13363	Tue	Polish intel.	QPSK	(AB)
P03	28-3	0720	13363	Tue	Polish intel.	QPSK	(AB)
P03	28-3	0725	13363	Tue	Polish intel.	QPSK	(AB)
P03e	1-3	0530	13911	Wed	Polish intel.	QPSK 100Bd/488bp	(AB)

P03e	1-3	0535	13911	Wed	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	3-3	1515	14972	Fri	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	3-3	1520	14972	Fri	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	5-3	1515	14972	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	5-3	1520	14972	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	5-3	1725	5409	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	5-3	1730	5409	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	6-3	0530	13911	Mon	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	6-3	0535	13911	Mon	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	7-3	1725	5409	Tue	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	7-3	1730	5409	Tue	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	10-3	1515	14972	Fri	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	10-3	1520	14972	Fri	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	12-3	1515	14972	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	12-3	1520	14972	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	12-3	1725	5409	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	12-3	1730	5409	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	13-3	0530	13911	Mon	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	13-3	0535	13911	Mon	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	14-3	1725	5409	Tue	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	14-3	1730	5409	Tue	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	15-3	0530	13911	Wed	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	15-3	0535	13911	Wed	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	17-3	1515	14972	Fri	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	17-3	1520	14972	Fri	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	19-3	1515	14972	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	19-3	1520	14972	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	19-3	1725	5409	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	19-3	1730	5409	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	20-3	0530	13911	Mon	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	20-3	0535	13911	Mon	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	21-3	1725	5409	Tue	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	21-3	1730	5409	Tue	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	22-3	0530	13911	Wed	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	22-3	0535	13911	Wed	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	24-3	1515	14972	Fri	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	24-3	1520	14972	Fri	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	26-3	1515	14972	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	26-3	1520	14972	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	26-3	1725	5409	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	26-3	1730	5409	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	27-3	0530	13911	Mon	Polish intel.	QPSK 100Bd/488bp	(AB)

P03e	27-3	0535	13911	Mon	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	28-3	1725	5409	Tue	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	28-3	1730	5409	Tue	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	29-3	0530	13911	Wed	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	29-3	0535	13911	Wed	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	31-3	1515	14972	Fri	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	31-3	1520	14972	Fri	Polish intel.	QPSK 100Bd/488bp	(AB)
P03g	2-3	1800	7840	Thu	Polish intel.	BPSK 50Bd/464bp	(AB/MPJ)
P03g	2-3	1805	7840	Thu	Polish intel.	BPSK 50Bd/464bp	(AB/MPJ)
P03g	7-3	1800	7840	Tue	Polish intel.	BPSK 50Bd/464bp	(AB/MPJ)
P03g	7-3	1805	7840	Tue	Polish intel.	BPSK 50Bd/464bp	(AB/MPJ)
P03g	9-3	1800	7840	Thu	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	9-3	1805	7840	Thu	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	14-3	1800	7840	Tue	Polish intel.	BPSK 50Bd/464bp	(AB/MPJ)
P03g	14-3	1805	7840	Tue	Polish intel.	BPSK 50Bd/464bp	(AB/MPJ)
P03g	16-3	1800	7840	Thu	Polish intel.	BPSK 50Bd/464bp	(AB/MPJ)
P03g	16-3	1805	7840	Thu	Polish intel.	BPSK 50Bd/464bp	(AB/MPJ)
P03g	21-3	1800	7840	Tue	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	21-3	1805	7840	Tue	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	23-3	1800	7840	Thu	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	23-3	1805	7840	Thu	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	28-3	1800	7840	Tue	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	28-3	1805	7840	Tue	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	30-3	1800	7840	Thu	Polish intel.	BPSK 50Bd/464bp	(AB/MPJ)
P03g	30-3	1805	7840	Thu	Polish intel.	BPSK 50Bd/464bp	(AB/MPJ)
P03k	1-3	1310	10213	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	1-3	1315	10213	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	1-3	1800	4356	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	1-3	1805	4356	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	2-3	1950	5371	Thu	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	2-3	1955	5371	Thu	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	3-3	1100	8180	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	3-3	1105	8180	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4-3	0630	7600	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4-3	0635	7600	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4-3	1230	15795	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4-3	1235	15795	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4-3	1310	10213	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	4-3	1315	10213	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	4-3	1800	4356	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	4-3	1805	4356	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	5-3	0530	9200	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)

P03k	5-3	0535	9200	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5-3	0630	7600	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5-3	0635	7600	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5-3	1100	8180	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5-3	1105	8180	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5-3	1200	5082	Sun	Polish intel.	BPSK 100Bd/480bp	(AB-POL)
P03k	5-3	1205	5082	Sun	Polish intel.	BPSK 100Bd/480bp	(AB-POL)
P03k	5-3	1220	8544	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	5-3	1225	8544	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	5-3	1950	5371	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5-3	1955	5371	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6-3	1220	8544	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6-3	1225	8544	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	7-3	1230	15795	Tue	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	7-3	1235	15795	Tue	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	8-3	1310	10213	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	8-3	1315	10213	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	8-3	1800	4356	Wed	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	8-3	1805	4356	Wed	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	9-3	1950	5371	Thu	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	9-3	1955	5371	Thu	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	10-3	1100	8180	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	10-3	1105	8180	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	11-3	0630	7600	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	11-3	0635	7600	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	11-3	1200	5082	Sat	Polish intel.	BPSK 100Bd/480bp	(MPJ-AUT)
P03k	11-3	1205	5082	Sat	Polish intel.	BPSK 100Bd/480bp	(MPJ-AUT)
P03k	11-3	1230	15795	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	11-3	1235	15795	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	11-3	1310	10213	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	11-3	1315	10213	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	11-3	1800	4356	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	11-3	1805	4356	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	12-3	0530	9200	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	12-3	0535	9200	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	12-3	0630	7600	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	12-3	0635	7600	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	12-3	1100	8180	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	12-3	1105	8180	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	12-3	1200	5082	Sun	Polish intel.	BPSK 100Bd/480bp	(AB-POL/MPJ-HOL)
P03k	12-3	1205	5082	Sun	Polish intel.	BPSK 100Bd/480bp	(AB-POL/MPJ-HOL)
P03k	12-3	1220	8544	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)

P03k	12-3	1225	8544	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	12-3	1950	5371	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	12-3	1955	5371	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13-3	1220	8544	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13-3	1225	8544	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	14-3	1230	15795	Tue	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	14-3	1235	15795	Tue	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	15-3	1310	10213	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	15-3	1315	10213	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	15-3	1800	4356	Wed	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	15-3	1805	4356	Wed	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	16-3	1950	5371	Thu	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	16-3	1955	5371	Thu	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	17-3	0530	9200	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	17-3	0535	9200	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	17-3	1100	8180	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	17-3	1105	8180	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	18-3	0630	7600	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	18-3	0635	7600	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	18-3	1200	5082	Sat	Polish intel.	BPSK 100Bd/480bp	(AB-POL)
P03k	18-3	1205	5082	Sat	Polish intel.	BPSK 100Bd/480bp	(AB-POL)
P03k	18-3	1230	15795	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	18-3	1235	15795	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	18-3	1310	10213	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	18-3	1315	10213	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	18-3	1800	4356	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	18-3	1805	4356	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	19-3	0530	9200	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	19-3	0535	9200	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	19-3	0630	7600	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	19-3	0635	7600	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	19-3	1100	8180	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	19-3	1105	8180	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	19-3	1200	5082	Sun	Polish intel.	BPSK 100Bd/480bp	(AB-POL/MPJ-HOL)
P03k	19-3	1205	5082	Sun	Polish intel.	BPSK 100Bd/480bp	(AB-POL/MPJ-HOL)
P03k	19-3	1220	8544	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	19-3	1225	8544	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	19-3	1950	5371	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	19-3	1955	5371	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	20-3	1220	8544	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	20-3	1225	8544	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	21-3	1230	15795	Tue	Polish intel.	BPSK 100Bd/480bp	(AB)

P03k	21-3	1235	15795	Tue	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	22-3	1310	10213	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	22-3	1315	10213	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	22-3	1800	4356	Wed	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	22-3	1805	4356	Wed	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	23-3	1950	5371	Thu	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	23-3	1955	5371	Thu	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	24-3	0530	9200	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	24-3	0535	9200	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	24-3	1100	8180	Fri	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	24-3	1105	8180	Fri	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	25-3	0630	7600	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	25-3	0635	7600	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	25-3	1200	5082	Sat	Polish intel.	BPSK 100Bd/480bp	(AB-POL)
P03k	25-3	1205	5082	Sat	Polish intel.	BPSK 100Bd/480bp	(AB-POL)
P03k	25-3	1230	15795	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	25-3	1235	15795	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	25-3	1310	10213	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	25-3	1315	10213	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	25-3	1800	4356	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	25-3	1805	4356	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	26-3	0530	9200	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	26-3	0535	9200	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	26-3	0630	7600	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	26-3	0635	7600	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	26-3	1100	8180	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	26-3	1105	8180	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	26-3	1200	5082	Sun	Polish intel.	BPSK 100Bd/480bp	(AB-POL/MPJ)
P03k	26-3	1205	5082	Sun	Polish intel.	BPSK 100Bd/480bp	(AB-POL/MPJ)
P03k	26-3	1220	8544	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	26-3	1225	8544	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	26-3	1950	5371	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	26-3	1955	5371	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	27-3	1220	8544	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	27-3	1225	8544	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	28-3	1230	15795	Tue	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	28-3	1235	15795	Tue	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	29-3	1310	10213	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	29-3	1315	10213	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	29-3	1800	4356	Wed	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	29-3	1805	4356	Wed	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	30-3	1950	5371	Thu	Polish intel.	BPSK 100Bd/480bp	(AB)

P03k	30-3	1955	5371	Thu	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	31-3	0530	9200	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	31-3	0535	9200	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	31-3	1100	8180	Fri	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	31-3	1105	8180	Fri	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03l	1-3	1345	7984	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	1-3	1350	7984	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	2-3	0430	10210	Thu	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	2-3	0435	10210	Thu	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	2-3	1200	4909	Thu	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
P03l	2-3	1205	4909	Thu	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
P03l	3-3	1345	7984	Fri	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03l	3-3	1350	7984	Fri	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03l	4-3	1245	5344	Sat	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	4-3	1250	5344	Sat	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	5-3	1245	5344	Sun	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ/2PI-HOL)
P03l	5-3	1250	5344	Sun	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03l	6-3	1200	4909	Mon	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
P03l	6-3	1205	4909	Mon	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
P03l	7-3	0430	10210	Tue	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	7-3	0435	10210	Tue	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	8-3	1345	7984	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	8-3	1350	7984	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	9-3	1200	4909	Thu	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
P03l	9-3	1205	4909	Thu	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
P03l	10-3	1345	7984	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	10-3	1350	7984	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	11-3	1245	5344	Sat	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ-AUT)
P03l	11-3	1250	5344	Sat	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ-AUT)
P03l	12-3	1245	5344	Sun	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03l	12-3	1250	5344	Sun	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03l	13-3	1200	4909	Mon	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
P03l	13-3	1205	4909	Mon	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
P03l	14-3	0430	10210	Tue	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	14-3	0435	10210	Tue	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	15-3	1345	7984	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	15-3	1350	7984	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	16-3	0430	10210	Thu	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	16-3	0435	10210	Thu	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	16-3	1200	4909	Thu	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
P03l	16-3	1205	4909	Thu	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
P03l	17-3	1345	7984	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)

P031	17-3	1350	7984	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
P031	18-3	1245	5344	Sat	Polish intel.	QPSK 100Bd/464bp	(AB)
P031	18-3	1250	5344	Sat	Polish intel.	QPSK 100Bd/464bp	(AB)
P031	19-3	1245	5344	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P031	19-3	1250	5344	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P031	20-3	1200	4909	Mon	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
P031	20-3	1205	4909	Mon	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
P031	21-3	0430	10210	Tue	Polish intel.	QPSK 100Bd/464bp	(AB)
P031	21-3	0435	10210	Tue	Polish intel.	QPSK 100Bd/464bp	(AB)
P031	22-3	1345	7984	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P031	22-3	1350	7984	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P031	23-3	0430	10210	Thu	Polish intel.	QPSK 100Bd/464bp	(AB)
P031	23-3	0435	10210	Thu	Polish intel.	QPSK 100Bd/464bp	(AB)
P031	23-3	1200	4909	Thu	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
P031	23-3	1205	4909	Thu	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
P031	24-3	1345	7984	Fri	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P031	24-3	1350	7984	Fri	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P031	25-3	1245	5344	Sat	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
P031	25-3	1250	5344	Sat	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
P031	26-3	1245	5344	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P031	26-3	1250	5344	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P031	27-3	1200	4909	Mon	Polish intel.	QPSK 100Bd/464bp	(AB-POL/MPJ)
P031	27-3	1205	4909	Mon	Polish intel.	QPSK 100Bd/464bp	(AB-POL/MPJ)
P031	28-3	0430	10210	Tue	Polish intel.	QPSK 100Bd/464bp	(AB)
P031	28-3	0435	10210	Tue	Polish intel.	QPSK 100Bd/464bp	(AB)
P031	29-3	1345	7984	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P031	29-3	1350	7984	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P031	30-3	0430	10210	Thu	Polish intel.	QPSK 100Bd/464bp	(AB)
P031	30-3	0435	10210	Thu	Polish intel.	QPSK 100Bd/464bp	(AB)
P031	30-3	1200	4909	Thu	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
P031	30-3	1205	4909	Thu	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
P031	31-3	1345	7984	Fri	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P031	31-3	1350	7984	Fri	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P07	5-3	1500	10328	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	5-3	1510	9388	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	5-3	1520	9062	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	5-3	1530	8134	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	5-3	1540	7886	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	5-3	1550	7462	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	8-3	1500	10328	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	8-3	1510	9388	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	8-3	1520	9062	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB/MPJ)

P07	8-3	1530	8134	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB/MP)
P07	8-3	1540	7886	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB/MP)
P07	8-3	1550	7462	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB/MP)
P07	12-3	1500	10328	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB/MP)
P07	12-3	1510	9388	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB/MP)
P07	12-3	1520	9062	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB/MP)
P07	12-3	1530	8134	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB/MP)
P07	12-3	1540	7886	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB/MP)
P07	12-3	1550	7462	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB/MP)
P07	15-3	1500	10328	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	15-3	1510	9388	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	15-3	1520	9062	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	15-3	1530	8134	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	15-3	1540	7886	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	15-3	1550	7462	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	19-3	1500	10328	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB/MP)
P07	19-3	1510	9388	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB/MP)
P07	19-3	1520	9062	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB/MP)
P07	19-3	1530	8134	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB/MP)
P07	19-3	1540	7886	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB/MP)
P07	19-3	1550	7462	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB/MP)
P07	20-3	1300	15874	Mon	Russian intel. 6 blocks	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(PY/T101/linkz)
P07	20-3	1310	14383	Mon	Russian intel. 6 blocks	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(PY/T101/linkz)
P07	20-3	1320	13441	Mon	Russian intel. 6 blocks	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(PY/T101/linkz)
P07	20-3	1330	12158	Mon	Russian intel. 6 blocks	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(PY/T101/linkz)
P07	20-3	1340	11544	Mon	Russian intel. 6 blocks	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(PY/T101/linkz)
P07	20-3	1350	10394	Mon	Russian intel. 6 blocks	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(PY/T101/linkz)
P07	20-3	1400	13887	Mon	Russian intel. 5 blocks	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(PY/T101/linkz)
P07	20-3	1410	13372	Mon	Russian intel. 5 blocks	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(PY/T101/linkz)
P07	20-3	1420	12187	Mon	Russian intel. 5 blocks	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(PY/T101/linkz)
P07	20-3	1430	11021	Mon	Russian intel. 5 blocks	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(PY/T101/linkz)
P07	20-3	1440	10237	Mon	Russian intel. 5 blocks	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(PY/T101/linkz)
P07	20-3	1450	9307	Mon	Russian intel. 5 blocks	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(PY/T101/linkz)
P07	21-3	1055	11174	Tue	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	21-3	1100	11174	Tue	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	22-3	1500	10328	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB/MP)
P07	22-3	1510	9388	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB/MP)
P07	22-3	1520	9062	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB/MP)
P07	22-3	1530	8134	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB/MP)
P07	22-3	1540	7886	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB/MP)
P07	22-3	1550	7462	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB/MP)
P07	23-3	1000	20494	Thu	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)

P07	23-3	1010	19181	Thu	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	23-3	1020	17441	Thu	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	23-3	1030	16259	Thu	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	23-3	1040	15834	Thu	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	23-3	1050	14574	Thu	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	23-3	1200	16293	Thu	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	23-3	1210	15872	Thu	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	23-3	1220	14754	Thu	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	23-3	1230	13392	Thu	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	23-3	1240	11439	Thu	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	23-3	1250	10358	Thu	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	23-3	1300	15874	Thu	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	23-3	1310	14383	Thu	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	23-3	1320	13441	Thu	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	23-3	1330	12158	Thu	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	23-3	1340	11544	Thu	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	23-3	1350	10394	Thu	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	23-3	1400	13887	Thu	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	23-3	1410	13372	Thu	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	23-3	1420	12187	Thu	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	23-3	1430	11021	Thu	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	23-3	1440	10237	Thu	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	23-3	1450	9307	Thu	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	23-3	1500	12173	Thu	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	23-3	1510	11544	Thu	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	23-3	1520	10351	Thu	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	23-3	1540	9109	Thu	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	23-3	1610	10821	Thu	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	23-3	1620	10588	Thu	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	23-3	1630	10191	Thu	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	23-3	1640	9222	Thu	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	23-3	1650	8114	Thu	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	23-3	1700	12224	Thu	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	23-3	1710	12182	Thu	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	23-3	1720	11543	Thu	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	23-3	1730	10977	Thu	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	23-3	1740	10354	Thu	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	23-3	1750	9982	Thu	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	24-3	1000	20494	Fri	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB-RUS)
P07	24-3	1010	19181	Fri	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB-RUS)
P07	24-3	1020	17441	Fri	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	24-3	1030	16259	Fri	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)

P07	24-3	1040	15834	Fri	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BP5K	(AB)
P07	24-3	1050	14574	Fri	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BP5K	(AB)
P07	24-3	1200	16293	Fri	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BP5K	(AB)
P07	24-3	1210	15872	Fri	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BP5K	(AB)
P07	24-3	1220	14754	Fri	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BP5K	(AB)
P07	24-3	1230	13392	Fri	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BP5K	(AB)
P07	24-3	1240	11439	Fri	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BP5K	(AB)
P07	24-3	1250	10358	Fri	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BP5K	(AB)
P07	24-3	1300	15874	Fri	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BP5K	(AB)
P07	24-3	1310	14383	Fri	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BP5K	(AB)
P07	24-3	1320	13441	Fri	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BP5K	(AB)
P07	24-3	1330	12158	Fri	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BP5K	(AB)
P07	24-3	1340	11544	Fri	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BP5K	(AB)
P07	24-3	1350	10394	Fri	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BP5K	(AB)
P07	24-3	1400	13887	Fri	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BP5K	(AB)
P07	24-3	1410	13372	Fri	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BP5K	(AB)
P07	24-3	1420	12187	Fri	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BP5K	(AB)
P07	24-3	1430	11021	Fri	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BP5K	(AB)
P07	24-3	1440	10237	Fri	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BP5K	(AB)
P07	24-3	1450	9307	Fri	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BP5K	(AB)
P07	24-3	1500	12173	Fri	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BP5K	(AB)
P07	24-3	1510	11544	Fri	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BP5K	(AB)
P07	24-3	1520	10351	Fri	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BP5K	(AB)
P07	24-3	1540	9109	Fri	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BP5K	(AB)
P07	26-3	1500	10328	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BP5K	(AB)
P07	26-3	1510	9388	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BP5K	(AB)
P07	26-3	1520	9062	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BP5K	(AB)
P07	26-3	1530	8134	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BP5K	(AB)
P07	26-3	1540	7886	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BP5K	(AB)
P07	26-3	1550	7462	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BP5K	(AB)
P07	27-3	0850	19601	Mon	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BP5K	(AB)
P07	27-3	1000	20494	Mon	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BP5K	(AB)
P07	27-3	1010	19181	Mon	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BP5K	(AB)
P07	27-3	1020	17441	Mon	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BP5K	(AB)
P07	27-3	1030	16259	Mon	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BP5K	(AB)
P07	27-3	1040	15834	Mon	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BP5K	(AB)
P07	27-3	1050	14574	Mon	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BP5K	(AB)
P07	27-3	1100	18447	Mon	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BP5K	(AB)
P07	27-3	1110	16104	Mon	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BP5K	(AB)
P07	27-3	1120	15863	Mon	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BP5K	(AB)
P07	27-3	1130	14706	Mon	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BP5K	(AB)
P07	27-3	1140	13404	Mon	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BP5K	(AB)

P07	27-3	1150	10921	Mon	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BP5K	(AB)
P07	27-3	1200	16293	Mon	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BP5K	(AB)
P07	27-3	1210	15872	Mon	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BP5K	(AB)
P07	27-3	1220	14754	Mon	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BP5K	(AB)
P07	27-3	1230	13392	Mon	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BP5K	(AB)
P07	27-3	1240	11439	Mon	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BP5K	(AB)
P07	27-3	1250	10358	Mon	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BP5K	(AB)
P07	27-3	1300	15874	Mon	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BP5K	(AB)
P07	27-3	1310	14383	Mon	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BP5K	(AB)
P07	27-3	1320	13441	Mon	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BP5K	(AB)
P07	27-3	1330	12158	Mon	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BP5K	(AB)
P07	27-3	1340	11544	Mon	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BP5K	(AB)
P07	27-3	1350	10394	Mon	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BP5K	(AB)
P07	27-3	1400	13887	Mon	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BP5K	(AB)
P07	27-3	1410	13372	Mon	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BP5K	(AB)
P07	27-3	1420	12187	Mon	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BP5K	(AB)
P07	27-3	1430	11021	Mon	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BP5K	(AB)
P07	27-3	1440	10237	Mon	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BP5K	(AB)
P07	27-3	1450	9307	Mon	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BP5K	(AB)
P07	27-3	1500	12173	Mon	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BP5K	(AB)
P07	27-3	1510	11544	Mon	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BP5K	(AB)
P07	27-3	1520	10351	Mon	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BP5K	(AB)
P07	27-3	1530	9397	Mon	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BP5K	(AB)
P07	27-3	1540	9109	Mon	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BP5K	(AB)
P07	27-3	1550	8174	Mon	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BP5K	(AB)
P07	29-3	1500	10328	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BP5K	(AB/MPJ)
P07	29-3	1510	9388	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BP5K	(AB/MPJ)
P07	29-3	1520	9062	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BP5K	(AB/MPJ)
P07	29-3	1530	8134	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BP5K	(AB/MPJ)
P07	29-3	1540	7886	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BP5K	(AB/MPJ)
P07	29-3	1550	7462	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BP5K	(AB/MPJ)
P07	30-3	0710	23158	Thu	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BP5K	(AB)
P07	30-3	0720	23866	Thu	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BP5K	(AB)
P07	30-3	0800	24381	Thu	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BP5K	(AB)
P07	30-3	0810	23137	Thu	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BP5K	(AB)
P07	30-3	0820	22875	Thu	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BP5K	(AB)
P07	30-3	0830	21894	Thu	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BP5K	(AB)
P07	30-3	0840	20752	Thu	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BP5K	(AB)
P07	30-3	0850	19601	Thu	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BP5K	(AB)
P07	30-3	1000	20494	Thu	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BP5K	(AB)
P07	30-3	1010	19181	Thu	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BP5K	(AB)
P07	30-3	1020	17441	Thu	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BP5K	(AB)

P07	30-3	1030	16259	Thu	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	30-3	1040	15834	Thu	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	30-3	1050	14574	Thu	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	30-3	1100	18447	Thu	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	30-3	1110	16104	Thu	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	30-3	1120	15863	Thu	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	30-3	1130	14706	Thu	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	30-3	1140	13404	Thu	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	30-3	1150	10921	Thu	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	30-3	1200	16293	Thu	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	30-3	1210	15872	Thu	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	30-3	1220	14754	Thu	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	30-3	1230	13392	Thu	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	30-3	1240	11439	Thu	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	30-3	1250	10358	Thu	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	30-3	1300	15874	Thu	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	30-3	1310	14383	Thu	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	30-3	1320	13441	Thu	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	30-3	1330	12158	Thu	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	30-3	1340	11544	Thu	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	30-3	1350	10394	Thu	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	30-3	1400	13887	Thu	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	30-3	1410	13372	Thu	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	30-3	1420	12187	Thu	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	30-3	1430	11021	Thu	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	30-3	1440	10237	Thu	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	30-3	1450	9307	Thu	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	30-3	1500	12173	Thu	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	30-3	1510	11544	Thu	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	30-3	1520	10351	Thu	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	30-3	1530	9397	Thu	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	30-3	1540	9109	Thu	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	30-3	1550	8174	Thu	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
Q26	23-3	1130	4364	Thu	XSV85: messages //8073	4+4 QPSK 75/3000 LSB	(JPL)
Q26	23-3	1130	8073	Thu	XSV85: messages //4364	4+4 QPSK 75/3000 LSB	(JPL)
Q26	23-3	1147	4243	Thu	Messages //9054	4+4 QPSK 75/3000 LSB	(JPL)
Q26	23-3	1147	9054	Thu	Messages //4243	4+4 QPSK 75/3000 LSB	(JPL)
S06	1-3	0400	9322	Wed	480 267 51 91351 53677 08377 ... 01488 11073 16817 267 51 00000	USB	(Subilo/HFD-J)
S06	1-3	0400	11616	Wed	480 267 51 91351 53677 08377 ... 01488 11073 16817 267 51 00000	USB	(Subilo/HFD-J)
S06	2-3	0400	9322	Thu	480 256 70 97766 57172 37081 ... 72727 04797 23847 256 70 00000	USB	(Subilo)
S06	2-3	0400	11616	Thu	480 256 70 97766 57172 37081 ... 72727 04797 23847 256 70 00000	USB	(Subilo)
S06	3-3	0400	9322	Fri	480 695 67 05951 37007 82487 ... 49698 70917 13836 695 67 00000	USB	(Subilo)

S06	3-3	0400	11616	Fri	480 605 67 05951 37007 82487 ... 49698 70917 13836 695 67 00000	USB	(Sublio)
S06	3-3	2100	6985	Fri	637 637 637 00000	USB	(AB)
S06	6-3	0400	9322	Mon	480 605 67 05951 37007 82487 ... 49698 70917 13836 695 67 00000	USB	(Sublio)
S06	6-3	0400	11616	Mon	480 605 67 05951 37007 82487 ... 49698 70917 13836 695 67 00000	USB	(Sublio)
S06	8-3	0900	12188	Wed	480 239 44 36908 35835 31904 ... 59042 49937 58202 239 44 00000	USB	(AB/HFD)
S06	9-3	0400	9322	Thu	480 271 53 91881 63914 33187 ... 16984 47400 05288 271 53 271 53 pause 27480 00000	USB	(Sublio)
S06	10-3	0400	9322	Fri	480 271 53 91881 63914 33187 ... 16984 47400 05288 271 53 00000	USB	(Sublio)
S06	10-3	0400	11616	Fri	480 271 53 91881 63914 33187 ... 16984 47400 05288 271 53 00000	USB	(Sublio)
S06	13-3	0400	9322	Mon	480 251 60 83794 23382 62684 ... 57969 27082 16237 252 60 00000	USB	(Sublio)
S06	13-3	0400	11616	Mon	480 251 60 83794 23382 62684 ... 57969 27082 16237 252 60 00000	USB	(Sublio)
S06	14-3	0400	9322	Tue	480 736 54 94218 66995 09926 ... 75491 65413 06679 736 54 00000	USB	(Sublio)
S06	14-3	0400	11616	Tue	480 736 54 94218 66995 09926 ... 75491 65413 06679 736 54 00000	USB	(Sublio)
S06	14-3	0800	10755	Tue	975 482 60 20926 85329 58477 ... 93505 58297 07577 482 60 00000	USB	(AB)
S06	15-3	0400	9322	Wed	480 952 61 65772 25165 10906 ... 27261 12748 33837 952 61 00000	USB	(Sublio)
S06	15-3	0400	11616	Wed	480 952 61 65772 25165 10906 ... 27261 12748 33837 952 61 00000	USB	(Sublio)
S06	15-3	0900	12188	Wed	480 397 41 89496 01428 13748 ... 99407 13073 61447 397 41 00000	USB	(AB)
S06	16-3	0400	9322	Thu	480 173 52 35286 65956 43903 ... 38670 17465 53221 173 52 00000	USB	(Sublio)
S06	16-3	0400	11616	Thu	480 173 52 35286 65956 43903 ... 38670 17465 53221 173 52 00000	USB	(Sublio)
S06	17-3	0400	9322	Fri	480 692 56 48545 63826 35675 ... 16911 71620 24316 692 56 00000	USB	(Sublio)
S06	17-3	0400	11616	Fri	480 692 56 48545 63826 35675 ... 16911 71620 24316 692 56 00000	USB	(Sublio)
S06	17-3	2000	9412	Fri	637 637 637 00000	USB	(AB/HFD)
S06	17-3	2100	6985	Fri	637 637 637 00000	USB	(AB/HFD)
S06	20-3	0400	9322	Mon	480 157 60 63638 16134 34795 ... 41041 40790 85482 157 60 00000	USB	(Sublio)
S06	20-3	0400	11616	Mon	480 157 60 63638 16134 34795 ... 41041 40790 85482 157 60 00000	USB	(Sublio)
S06	21-3	0400	9322	Tue	480 362 51 95914 87601 45980 ... 52804 20916 58838 362 51 00000	USB	(Sublio)
S06	21-3	0400	11616	Tue	480 362 51 95914 87601 45980 ... 52804 20916 58838 362 51 00000	USB	(Sublio)
S06	21-3	1325	15643	Tue	583 926 48 88701 39029 23956 ... 09682 35323 67866 926 48 00000. Restart after group 10	USB	(PY)
S06	21-3	1425	12176	Tue	583 926 48 88701 39029 23956 ... 09682 35323 67866 926 48 00000	USB	(AB/PY)
S06	21-3	1600	10387	Tue	Transmission jammed with loud noise and spamming of S06 "387" voice sample, with Windows XP ding system sound from jammer's computer	USB	(PY/linkz)
S06	22-3	0400	9322	Wed	480 591 62 37213 28384 54420 ... 64838 80782 81997 591 62 00000	USB	(Sublio)
S06	22-3	0400	11616	Wed	480 591 62 37213 28384 54420 ... 64838 80782 81997 591 62 00000	USB	(Sublio)
S06	22-3	0900	12188	Wed	480 593 44 84385 02233 32666 ... 47109 34818 96901 593 44 00000	USB	(AB)
S06	22-3	1000	10463	Wed	480 (R) Jammed after 4 minutes with a very loud noise and a "8733" loop transmission.	USB	(AB)
S06	22-3	1515	12053	Wed	409 512 34 52089 21084 70129 ... 33423 45671 33451 512 34 00000	USB	(PY)
S06	22-3	1615	7887	Wed	409 865 11 56874 46792 ... 13531 54327 47945 865 11 409 512 34 52089 21084 70129 ... 33423 45671 33451 512 34 00000	USB	(linkz)
S06	23-3	0400	9322	Thu	480 372 51 33086 17594 29291 ... 73395 51427 29004 372 51 00000	USB	(Sublio)
S06	23-3	0400	11616	Thu	480 00000 480 372 51 33086 17594 29291 ... 73395 51427 29004 372 51 00000	USB	(Sublio)
S06	24-3	0400	9322	Fri	480 619 52 47827 43662 01101 ... 68080 25590 62902 619 52 00000	USB	(Sublio)
S06	24-3	0400	11616	Fri	480 619 52 47827 43662 01101 ... 68080 25590 62902 619 52 00000	USB	(Sublio)

S06	27-3	0400	9322	Mon	480 573 61 81830 46455 59543 ... 66403 82124 68466 573 61 00000	USB	(Subilo)
S06	27-3	0400	11616	Mon	480 573 61 81830 46455 59543 ... 66403 82124 68466 573 61 00000	USB	(Subilo)
S06	28-3	0400	9322	Tue	480 629 51 27990 01917 20556 ... 58397 44566 90400 629 51 00000	USB	(Subilo)
S06	28-3	0400	11616	Tue	480 629 51 27990 01917 20556 ... 58397 44566 90400 629 51 00000	USB	(Subilo)
S06	29-3	0400	9322	Wed	480 153 62 98652 91430 26634 ... 44310 87143 13104 153 62 00000	USB	(Subilo)
S06	29-3	0400	11616	Wed	480 153 62 98652 91430 26634 ... 44310 87143 13104 153 62 00000	USB	(Subilo)
S06	29-3	0900	12188	Wed	480 359 41 68080 27822 77305 ... 23576 55716 55206 359 41 00000	USB	(AB-RUS)
S06	29-3	1450	10755	Wed	975 143 60 97118 91536 64495 ... 40736 18507 79732 143 60 00000	USB	(PY)
S06	30-3	0400	9322	Thu	480 276 51 92963 89399 33270 ... 47087 29401 39952 276 51 00000	USB	(Subilo)
S06	30-3	0400	11616	Thu	480 276 51 92963 89399 33270 ... 47087 29401 39952 276 51 00000	USB	(Subilo)
S06	31-3	0400	9322	Fri	480 315 62 76152 35735 96139 ... 43837 63219 15654 315 62 00000	USB	(Subilo)
S06	31-3	0400	11616	Fri	480 315 62 76152 35735 96139 ... 43837 63219 15654 315 62 00000	USB	(Subilo)
S06b	21-3	1500	14913	Tue	387 164 2 11111 00061 164 2 00000 387 (R) 387 32 22382 65474 restart 387 (R) 590 32 22382 65474 62419 ... 10254 21258 27788 590 32 00000	USB	(AB/PV/HFD)
S06b	21-3	1600	10387	Tue	387 164 2 11111 00061 164 2 387 590 32 22382 65474 62419 ... 10254 21258 27788 590 32 00000	USB	(qsr711/HFD)
S06c	22-3	1024	20714	Wed	11038 (R4m)	USB	(linkz)
S06c	22-3	1035	20714	Wed	11038 (R4m)	USB	(linkz)
S06c	22-3	1808	6834	Wed	11213 (R4m)	USB	(PY)
S06c	22-3	1820	6834	Wed	11213 (R4m)	USB	(sse)
S06c	22-3	1830	5407	Wed	11213 (R4m)	USB	(linkz)
S11a	1-3	0510	11116	Wed	650/00	USB	(AB-POL/HFD)
S11a	1-3	1850	10213	Wed	282/00	USB	(AB/HFD)
S11A	2-3	0445	10728	Thu	794/00	USB	(HFD)
S11a	2-3	0500	14769	Thu	382/00	USB	(AB/HFD)
S11A	2-3	0700	8597	Thu	477/00	USB	(HFD)
S11a	3-3	0915	6480	Fri	481/00	USB	(AB/HFD)
S11a	3-3	1400	6797	Fri	425/00	USB	(AB/HFD)
S11a	4-3	0830	6433	Sat	371/00	USB	(AB/HFD)
S11a	4-3	1850	10213	Sat	282/00	USB	(AB)
S11a	5-3	0830	6433	Sun	376/00	USB	(AB)
S11a	6-3	0510	11116	Mon	655/00	USB	(AB)
S11a	6-3	0700	8597	Mon	471/00	USB	(AB)
S11a	6-3	0915	6480	Mon	482/00	USB	(AB-POL)
S11a	7-3	0445	10728	Tue	797/35 Vnimanije 01102 06664 10167 ... 13627 94206 93321 Vnimanije (msg rptd)	USB	(AB)
S11a					Konets		
S11a	7-3	1400	6797	Tue	429/00	USB	(AB)
S11a	8-3	0510	11116	Wed	650/00	USB	(AB)
S11a	8-3	1850	10213	Wed	285/35 Vnimanije 13386 19174 86106 ... 59735 62073 94399 Vnimanije (msg rptd)	USB	(AB/MP)
S11a					Konets		
S11a	9-3	0445	10728	Thu	797/35 Vnimanije 01102 06664 10167 ... 13627 94206 93321 Vnimanije (msg rptd)	USB	(AB)

S11a	9-3	0700	8597	Thu	475/00		USB	(AB)
S11a	10-3	0915	6480	Fri	484/00		USB	(AB)
S11a	10-3	1400	6797	Fri	422/00		USB	(AB)
S11a	11-3	0830	6433	Sat	372/00		USB	(AB)
S11a	11-3	1850	10213	Sat	285/35 Vnimanije 13386 19174 86106 ... 59735 62073 94399 Vnimanije (msg rptd)		USB	(AB)
S11a	12-3	0830	6433	Sun	379/00		USB	(AB)
S11a	13-3	0700	8597	Mon	475/00		USB	(AB)
S11a	13-3	0915	6480	Mon	486/00		USB	(AB)
S11a	14-3	0445	10728	Tue	797/00		USB	(AB)
S11a	14-3	1400	6797	Tue	427/39 Vnimanije 44870 70010 04692 ... 44095 04067 14027 Vnimanije (msg rptd)		USB	(AB/MPJ-POL)
S11a	15-3	0510	11116	Wed	650/38 Vnimanije 84845 99634 27274 ... 72692 30322 45279 Vnimanije (msg rptd)		USB	(AB-POL)
S11a	15-3	1850	10213	Wed	282/00		USB	(AB/MPJ)
S11a	16-3	0445	10728	Thu	791/00		USB	(AB-POL)
S11a	16-3	0700	8597	Thu	475/00		USB	(AB)
S11a	17-3	0915	6480	Fri	481/00		USB	(AB)
S11a	17-3	1400	6797	Fri	427/39 Vnimanije 44870 70010 04692 ... 44095 04067 14027 Vnimanije (msg rptd)		USB	(AB)
S11a	18-3	0830	6433	Sat	376/35 Vnimanije 92984 19074 38163 ... 03106 34429 05765 Vnimanije (msg rptd)		USB	(AB)
S11a	18-3	1850	10213	Sat	281/00		USB	(AB)
S11a	19-3	0830	6433	Sun	376/35 Vnimanije 92984 19074 38163 ... 03106 34429 05765 Vnimanije (msg rptd)		USB	(AB)
S11a	20-3	0510	11116	Mon	650/00		USB	(AB-POL)
S11a	20-3	0700	8597	Mon	470/00		USB	(AB)
S11a	20-3	0915	6480	Mon	480/37 Vnimanije 35096 19363 96585 ... 04395 37059 38972 Vnimanije (msg rptd)		USB	(AB)
S11a	21-3	0445	10728	Tue	790/00		USB	(AB)
S11a	21-3	1400	6797	Tue	425/00		USB	(AB/2PI-G)
S11a	22-3	0510	11116	Wed	652/00		USB	(AB-POL)
S11a	22-3	1850	10213	Wed	281/00		USB	(AB)
S11a	23-3	0445	10728	Thu	791/00		USB	(AB-POL)
S11a	23-3	0700	8597	Thu	477/00		USB	(AB)
S11a	24-3	0915	6480	Fri	480/37 Vnimanije 35096 19363 96585 ... 04395 37059 38972 Vnimanije (msg rptd)		USB	(AB)
S11a	24-3	1400	6797	Fri	420/00		USB	(AB)
S11a	25-3	0830	6433	Sat	377/00		USB	(AB)
S11a	25-3	1850	10213	Sat	287/00		USB	(AB)
S11a	26-3	0830	6433	Sun	379/00		USB	(AB)
S11a	27-3	0510	11116	Mon	657/00		USB	(AB-POL)

S11a	27-3	0700	8597	Mon	470/36 Vnimanije 21150 13501 52344 ... 94226 22256 42806 Vnimanije (msg rptd)	USB	(AB)
S11a	27-3	0915	6480	Mon	Konets	USB	(AB)
S11a	28-3	0445	10728	Tue	480/00	USB	(AB)
S11a	28-3	1400	6797	Tue	790/00	USB	(AB)
S11a	29-3	0510	11116	Wed	424/00	USB	(AB)
S11a	29-3	1850	10213	Wed	657/00	USB	(AB-POL)
S11a	30-3	0445	10728	Thu	286/00	USB	(AB)
S11a	30-3	0700	8597	Thu	793/00	USB	(AB-POL)
					470/36 Vnimanije 21150 13501 52344 ... 94226 22256 42806 Vnimanije (msg rptd)	USB	(AB)
					Konets		
S11a	31-3	0915	6480	Fri	485/00	USB	(AB)
S11a	31-3	1400	6797	Fri	420/00	USB	(AB)
S25	22-3	1620	7847	Wed	513 513 513 05388 213 213 213 05388 213 213 213 07258	USB	(AB)
S25	22-3	1630	6825	Wed	213 213 213 94878 213 213 213 06358 213 213 213 00000	USB	(AB)
TUN	7-3	1128	14700	Tue	STAT154: MFA Tunis c/g STAT1: Tunisian embassy Paris	USB	(AB)
UM04	1-3	0800	4735	Wed	VVVVV PROMRCh = 0103 = 1000 1090 1140 1330 1880 ... 0800 0760 0810 0970 1410 = AR	CW	(Subilo)
UM04	2-3	0800	4735	Thu	VVV PROMRCh = 02 03 = 1000 1090 1140 1330 1880 ... 0800 0760 0810 0970 1410 = AR	CW	(AB-HNG)
UM04	3-3	0801	4735	Fri	VVV PROMRCh = 03 03 = 1000 1080 1130 1310 1860 ... 0800 0760 0810 0970 1410 = AR	CW	(AB-HNG)
UM04	4-3	0800	4735	Sat	VVVVV PROMRCh = 04 03 = 1000 1070 1120 1300 1840 ... 0800 0760 0810 0970 1410 = AR	CW	(Subilo)
UM04	5-3	0800	4735	Sun	VVV VVV PROMRCh = 05 03 = 1000 1060 1120 1290 1820 ... 0800 0760 0810 0970 1410 = AR	CW	(Subilo)
					AR		
UM04	6-3	0800	4735	Mon	VVV PROMRCh = 0603 = 1000 1060 1110 1290 1820 ... 0800 0770 0810 0970 1410 = AR	CW	(AB-HNG)
UM04	7-3	0802	4735	Tue	VVVVV PROMRCh = 07 03 = 1000 1060 1110 1290 1820 ... 0800 0770 0810 0970 1410 = AR	CW	(AB-HNG)
UM04	8-3	0800	4735	Wed	VVV PROMRCh = 08 03 = 1000 1060 1110 1280 1810 ... 0800 0770 0820 0970 1410 = AR	CW	(Subilo)
UM04	9-3	0800	4735	Thu	VVVVV PROMRCh = 09 03 = 1000 1060 1110 1280 1800 ... 0800 0780 0820 0980 1420 = AR	CW	(AB-GRC)
UM04	10-3	0800	4735	Fri	VVV PROMRCh = 10 03 = 1000 1060 1110 1270 1790 ... 0800 0780 0830 0980 1430 = AR	CW	(AB-HNG)
UM04	11-3	0800	4735	Sat	VVV PROMRCh = 1103 = 1000 1060 1110 1270 1790 ... 0800 0780 0830 0980 1430 = AR	CW	(AB-ROU)
UM04	12-3	0800	4735	Sun	VVVVV PROMRCh = 12 03 = 1000 1060 1110 1280 1890 ... 0800 0790 0840 0990 1050 = AR	CW	(Subilo)
UM04	13-3	0800	4735	Mon	VVV PROMRCh = 13 03 = 1000 1070 1120 1280 1800 ... 0800 0790 0840 0990 1440 = AR	CW	(AB-HNG)
UM04	14-3	0805	4735	Tue	VVVVV PROMRCh = 14 03 = 1000 1070 1110 1280 1790 ... 0800 0800 0840 1000 1440 = AR	CW	(AB-HNG)
UM04	15-3	0800	4735	Wed	VVV PROMRCh = 15 03 = 1000 1180 1220 1390 1930 ... 0800 0810 0860 1010 1470 = AR	CW	(AB-HNG)
UM04	16-3	0800	4735	Thu	VVVVV PROMRCh = 16 03 = 1000 1070 1120 1280 1780 ... 0800 0800 0850 1000 1450 = AR	CW	(AB-HNG)
UM04	17-3	0800	4735	Fri	VVVVV PROMRCh = 17 03 = 1000 1070 1110 1270 1780 ... 0800 0810 0850 1000 1450 = AR	CW	(AB-HNG)
UM04	18-3	0800	4735	Sat	VVV PROMRCh = 18 03 = 1000 1080 1120 1280 1780 ... 0800 0810 0860 1010 1450 = AR	CW	(Subilo)
UM04	19-3	0800	4735	Sun	VVVVV PROMRCh = 1903 = 1000 1130 1170 1330 1840 ... 0800 0820 0860 1020 1470 = AR	CW	(AB-HNG)
UM04	20-3	0800	4735	Mon	VVV PROMRCh = 20 03 = 1000 1070 1110 1270 1760 ... 0800 0820 0860 1020 1460 = AR	CW	(AB-HNG)
UM04	21-3	0801	4735	Tue	VVVVV PROMRCh = 21 03 = 1000 1070 1110 1260 1760 ... 0800 0820 0860 1020 1470 = AR	CW	(AB-HNG)
UM04	22-3	0800	4735	Wed	VVV PROMRCh = 22 03 = 1000 1070 1110 1260 1750 ... 0800 0820 0870 1020 1470 = AR	CW	(Subilo)
UM04	23-3	0800	4735	Thu	VVVVV PROMRCh = 23 03 = 1000 1080 1120 1280 1770 ... 0800 0830 0870 1030 1480 = AR	CW	(AB-HNG)
UM04	24-3	0800	4735	Fri	VVVVV PROMRCh = 2403 = 1000 1080 1120 1270 1770 ... 0800 0830 0880 1030 1480 = AR	CW	(AB-ROU)
UM04	25-3	0805	4735	Sat	VVVVV PROMRCh = 2503 = 1000 1080 1120 1270 1560 ... 0800 0830 0870 1020 1450 = AR	CW	(AB-HNG)
UM04	26-3	0700	4735	Sun	VVV PROMRCh = 26 03 = 1000 1060 1100 1260 1750 ... 0800 0820 0870 1030 1470 = AR	CW	(AB-GRC)

UM04	27-3	0800	4735	Mon	VVVVV PROMRCh = 2703 = 1000 1040 1090 1240 1730 ... 0800 0810 0900 1010 1460 = AR	CW	(Subilo)
UM04	28-3	0705	4735	Tue	VVVVV PROMRCh = 2 8 0 3 = 1000 1040 1080 1230 1720 ... 0800 0810 0850 1010 1450 = AR	CW	(AB-ROU)
UM04	29-3	0800	4735	Wed	VVV PROMRCh = 29 03 = 1000 1030 1080 1220 1700 ... 0080 0810 0850 1000 1440 = AR	CW	(Subilo)
UM04	30-3	0715	4735	Thu	VVVVV PROMRCh = 30 03 = 1000 1020 1070 1120 1700 ... 0800 0800 0850 1000 1440 = AR	CW	(AB-HNG)
UM04	31-3	0800	4735	Fri	VVV PROMRCh = 31 03 = 1000 1020 1070 1220 1700 ... 0800 0800 0840 1000 1440 = AR	CW	(Subilo)
UM10	20-3	1917	3207	Mon	10-minutes net: OBCD	CW	(JPL-J)
UM10	20-3	1918	3115	Mon	10-minutes net: L6YC //3860 KHz	CW	(JPL-J)
UM10	20-3	1918	3860	Mon	10-minutes net: L6YC //3115 KHz	CW	(JPL-J)
UM10	24-3	1853	3860	Fri	10-minutes net: L6YC	CW	(JPL-J)
V06	10-3	0651	10755	Fri	Test tone, 975 (R) till 0956z, OFDM-45/60 probe bursts. Several stops during that period	USB	(AB/PV/Subilo)
V06	10-3	0956	10755	Fri	975 184 60 64724 44034 01229 ... 39548 43188 55305 184 60 00000	USB	(AB/PV)
V06	16-3	0720	10755	Thu	352 (R 12m40s)	USB	(AB)
V06	30-3	0700	10755	Thu	975 (R34m) 128 60 46958 95266 03701 ... 10335 31857 89338 128 60 00000	USB	(AB/PV)
V07	5-3	0200	19172	Sun	112 112 112 000	USB	(Token)
V07	5-3	0220	17472	Sun	112 112 112 000	USB	(Dan/Token)
V07	12-3	0200	19172	Sun	112 112 112 1 5597 80 5597 80 24399 83595 17322 ... 56802 38371 31075 000 000	USB	(Dan/HFD)
V07	12-3	0220	17472	Sun	112 112 112 1 5597 80 5597 80 24399 83595 17322 ... 56802 38371 31075 000 000	USB	(Dan/HFD)
V07	12-3	0240	16272	Sun	112 112 112 1 5597 80 5597 80 24399 83595 17322 ... 56802 38371 31075 000 000	USB	(Dan/HFD)
V07	19-3	0200	19172	Sun	112 112 112 1 560 128 560 128 29713 84588 92648 ... 92832 46796 47568 000 000	USB	(Dan)
V07	26-3	0200	19172	Sun	112 112 112 1 690 126 690 126 84908 65461 58402 ... 23330 80883 61862 000 000	USB	(Dan)
V13	2-3	1300	7866	Thu	New Star Broadcasting	USB	(AB)
V13	2-3	1300	11430	Thu	New Star Broadcasting	USB	(AB)
V13	7-3	1200	9276	Tue	New Star Broadcasting	USB	(AB-TWN)
V13	7-3	1200	13974	Tue	New Star Broadcasting	USB	(AB-TWN)
V13	7-3	1300	7688	Tue	New Star Broadcasting	USB	(AB-TWN)
V13	7-3	1300	11430	Tue	New Star Broadcasting	USB	(AB-TWN)
V13	8-3	1200	9276	Wed	New Star Broadcasting	USB	(AB-TWN)
V13	8-3	1300	13974	Wed	New Star Broadcasting	USB	(AB-TWN)
V13	8-3	1330	7688	Wed	New Star Broadcasting	USB	(AB-TWN)
V13	8-3	1330	11430	Wed	New Star Broadcasting	USB	(AB-TWN)
V13	9-3	1300	7866	Thu	New Star Broadcasting	USB	(AB)
V13	9-3	1300	11430	Thu	New Star Broadcasting	USB	(AB)
V13	14-3	1200	13974	Tue	New Star Broadcasting	USB	(AB-TWN)
V13	14-3	1300	11430	Tue	New Star Broadcasting	USB	(AB-TWN)
V13	15-3	1200	9276	Wed	New Star Broadcasting	USB	(AB-TWN)
V13	15-3	1200	13974	Wed	New Star Broadcasting	USB	(AB-TWN)
V13	15-3	1230	9276	Wed	New Star Broadcasting	USB	(AB-TWN)
V13	15-3	1230	13974	Wed	New Star Broadcasting	USB	(AB-TWN)
V13	15-3	1300	7688	Wed	New Star Broadcasting	USB	(AB-TWN)
V13	15-3	1300	11430	Wed	New Star Broadcasting	USB	(AB-TWN)
V13	16-3	1200	13974	Thu	New Star Broadcasting	USB	(AB-TWN)

V13	16-3	1300	7866	Thu	New Star Broadcasting	USB	(AB)
V13	16-3	1300	11430	Thu	New Star Broadcasting	USB	(AB)
V13	17-3	1200	9276	Fri	New Star Broadcasting	USB	(AB-TWN)
V13	17-3	1200	13974	Fri	New Star Broadcasting	USB	(AB-TWN)
V13	17-3	1300	7688	Fri	New Star Broadcasting	USB	(AB-TWN)
V13	17-3	1300	11430	Fri	New Star Broadcasting	USB	(AB-TWN)
V13	20-3	1200	9276	Mon	New Star Broadcasting	USB	(AB-TWN)
V13	20-3	1200	13974	Mon	New Star Broadcasting	USB	(AB-TWN)
V13	20-3	1300	7688	Mon	New Star Broadcasting	USB	(AB-TWN)
V13	20-3	1300	11430	Mon	New Star Broadcasting	USB	(AB-TWN)
V13	27-3	1300	7688	Mon	New Star Broadcasting	USB	(AB-TWN)
V13	27-3	1300	11430	Mon	New Star Broadcasting	USB	(AB-TWN)
V13	31-3	1200	9276	Fri	New Star Broadcasting	USB	(AB-HK)
V13	31-3	1300	7688	Fri	New Star Broadcasting	USB	(AB-HK)
V13	31-3	1300	11430	Fri	New Star Broadcasting	USB	(AB-HK)
V28	3-3	2059	3043	Fri	Parrot	AM	(HK)
V28	3-3	2100	5499	Fri	Parrot	AM	(HK)
V28	3-3	2105	5011	Fri	Parrot	AM	(HK)
V28	8-3	0905	5499	Wed	Parrot	AM	(HK)
V28	13-3	2108	3052	Mon	Parrot	AM	(HK)
V28	13-3	2108	5009	Mon	Parrot	AM	(HK)
V28	26-3	2104	4967	Sun	Parrot	AM	(HK)
V28	26-3	2104	5160	Sun	Parrot	AM	(HK)
V28	26-3	2104	5499	Sun	Parrot	AM	(HK)
V28	29-3	0900	5499	Wed	Parrot	AM	(HK)
V28	29-3	0905	2969	Wed	Parrot	AM	(HK)
V28	30-3	0906	5245	Thu	Parrot	AM	(HK)
V28	30-3	0906	5499	Thu	Parrot	AM	(HK)
V28	31-3	0901	5240	Fri	Parrot	AM	(HK)
V28	31-3	0901	5499	Fri	Parrot	AM	(HK)
VC01	2-3	1303	4452	Thu	Chinese Air Defense a.k.a. Chinese Robot	USB	(AB)
VC01	31-3	1210	4782	Fri	Chinese Air Defense a.k.a. Chinese Robot	USB	(AB)
X06	1-3	0919	14631	Wed	MFA Moscow clg 362154: Russian embassy Athens	MFSK-6	(AB/Moon)
X06	1-3	1125	13979	Wed	MFA Moscow clg 215346: Russian Consulate General Mumbai	MFSK-6	(AB/RXR)
X06	1-3	1137	12207	Wed	MFA Moscow clg 215346: Russian Consulate General Mumbai	MFSK-6	(RXR)
X06	2-3	0748	18575	Thu	MFA Moscow clg 352416: Russian embassy Dar es Salaam	MFSK-6	(AB)
X06	2-3	0801	17534	Thu	MFA Moscow clg 351264: Russian embassy Abu Dhabi	MFSK-6	(AB)
X06	2-3	1329	16277	Thu	MFA Moscow clg 436512: Russian embassy Harare	MFSK-6	(AB/RXR)
X06	3-3	0920	13556	Fri	MFA Moscow clg 324615: Russian embassy Madrid	MFSK-6	(RXR)
X06	3-3	1022	12194	Fri	MFA Moscow clg 625413: Russian embassy Tel Aviv	MFSK-6	(AB/RXR)

X06	3-3	1031	14824	Fri	MFA Moscow clg 625413: Russian embassy Tel Aviv	MFSK-6	(AB/RXR)
X06	5-3	0654	14595	Sun	MFA Moscow clg 452163: Russian embassy Kabul	MFSK-6	(RO)
X06	6-3	0754	13452	Mon	MFA Moscow clg 165324: Russian embassy Vienna	MFSK-6	(AB/Moon)
X06	6-3	0800	11638	Mon	MFA Moscow clg 165324: Russian embassy Vienna	MFSK-6	(AB/Moon)
X06	6-3	0804	11638	Mon	MFA Moscow clg 165324: Russian embassy Vienna	MFSK-6	(Moon)
X06	6-3	0836	14377	Mon	MFA Moscow clg 432516: Russian embassy Bern	MFSK-6	(AB/Moon)
X06	6-3	0905	13395	Mon	MFA Moscow clg 532614: Russian embassy Paris	MFSK-6	(AB/RO)
X06	6-3	0925	18750	Mon	MFA Moscow clg 641523: Russian embassy Lusaka	MFSK-6	(AB/RO)
X06	7-3	0823	15989	Tue	MFA Moscow clg 125643: Russian embassy Ulanbatar	MFSK-6	(AB/RO)
X06	7-3	0927	17421	Tue	MFA Moscow clg 246531: Russian embassy Accra	MFSK-6	(AB/RO)
X06	7-3	0929	15687	Tue	MFA Moscow clg 154263: Russian embassy Rome	MFSK-6	(AB/Moon)
X06	7-3	0942	13401	Tue	MFA Moscow clg 154263: Russian embassy Rome	MFSK-6	(AB/Moon)
X06	7-3	1021	13401	Tue	MFA Moscow clg 154263: Russian embassy Rome	MFSK-6	(AB/Moon)
X06	7-3	1132	15687	Tue	MFA Moscow clg 154263: Russian embassy Rome	MFSK-6	(AB/Moon)
X06	7-3	1136	14358	Tue	MFA Moscow clg 154263: Russian embassy Rome	MFSK-6	(AB/Moon)
X06	7-3	1149	17454	Tue	MFA Moscow clg 325614: Russian embassy Nairobi	MFSK-6	(AB/Moon)
X06	9-3	0912	14550	Thu	MFA Moscow clg 153624: Russian embassy Damascus	MFSK-6	(AB/Moon)
X06	10-3	0940	12177	Fri	MFA Moscow clg 356412: Russian embassy Berlin	MFSK-6	(AB/Moon)
X06	13-3	0821	17475	Mon	MFA Moscow clg 156234: Russian embassy Kampala	MFSK-6	(AB/Moon)
X06	13-3	0936	11424	Mon	MFA Moscow clg 421635: Russian embassy Oslo	MFSK-6	(AB/Moon)
X06	14-3	0759	11545	Tue	MFA Moscow 534216: Russian embassy Baghdad	MFSK-6	(Moon)
X06	14-3	0823	16257	Tue	MFA Moscow clg 542136: Russian embassy Beijing	MFSK-6	(AB/Moon)
X06	14-3	0922	16317	Tue	MFA Moscow 612534: Russian embassy Ashgabat	MFSK-6	(Moon)
X06	14-3	1013	17470	Tue	MFA Moscow clg 412356: Russian embassy Budapest	MFSK-6	(AB)
X06	14-3	1013	17470	Tue	MFA Moscow 216354: Russian Consulate General Chennai	MFSK-6	(Moon)
X06	15-3	0749	14405	Wed	MFA Moscow clg 256341: Russian embassy Beirut	MFSK-6	(AB/Moon)
X06	15-3	1120	16115	Wed	MFA Moscow clg 215346: Russian Consulate General Mumbai	MFSK-6	(RXR)
X06	15-3	1749	9173	Wed	MFA Moscow clg 542136: Russian embassy Beijing	MFSK-6	(AB)
X06	16-3	0927	18197	Thu	MFA Moscow clg 645321: Russian Consulate General Ho Chi Minh City	MFSK-6	(AB/RXR)
X06	20-3	0759	13452	Mon	MFA Moscow clg 165324: Russian embassy Vienna	MFSK-6	(AB/Moon)
X06	20-3	0854	14377	Mon	MFA Moscow clg 432516: Russian embassy Bern	MFSK-6	(AB/RO)
X06	20-3	0932	20675	Mon	MFA Moscow clg 641523: Russian embassy Lusaka	MFSK-6	(RO)
X06	21-3	0852	13411	Tue	MFA Moscow clg 165423: Russian embassy Brussels	MFSK-6	(AB/RO)
X06	21-3	0939	15687	Tue	MFA Moscow clg 154263: Russian embassy Rome	MFSK-6	(RO)
X06	21-3	0945	14358	Tue	MFA Moscow clg 154263: Russian embassy Rome	MFSK-6	(AB)
X06	21-3	1145	16188	Tue	MFA Moscow clg 325614: Russian embassy Nairobi	MFSK-6	(AB/RO)
X06	22-3	0733	20950	Wed	MFA Moscow clg 435621: Russian embassy Maputo	MFSK-6	(RXR)
X06	22-3	0755	18177	Wed	MFA Moscow clg 164253: Russian embassy Addis Ababa	MFSK-6	(AB)
X06	22-3	0907	14812	Wed	MFA Moscow clg 263145: Russian embassy Prague	MFSK-6	(AB/RO)
X06	23-3	0758	13854	Thu	MFA Moscow clg 521634: Russian embassy Bucharest	MFSK-6	(AB/Moon)
X06	23-3	0823	13843	Thu	MFA Moscow clg 153624: Russian embassy Damascus	MFSK-6	(AB/Moon)
X06	24-3	0930	12177	Fri	MFA Moscow clg 356412: Russian embassy Berlin	MFSK-6	(AB/Moon)

XP06	24-3	1003	19611	Fri	MFA Moscow c/g 256134: Russian embassy Abidjan	MFSK-6	(RO)
XP06	27-3	0833	17475	Mon	MFA Moscow c/g 156234: Russian embassy Kampala	MFSK-6	(AB/RXR)
XP06	27-3	0838	17475	Mon	MFA Moscow c/g 156234: Russian embassy Kampala	MFSK-6	(RXR)
XP06	27-3	0928	16117	Mon	MFA Moscow c/g 463125: Russian embassy Rabat	MFSK-6	(AB/RXR)
XP06	27-3	0941	19235	Mon	MFA Moscow c/g 463125: Russian embassy Rabat	MFSK-6	(AB/Anon)
XP06	27-3	1256	10452	Mon	MFA Moscow c/g 364152: Russian embassy New Delhi	MFSK-6	(RXR)
XP06	28-3	0807	13420	Tue	MFA Moscow c/g 534216: Russian embassy Baghdad	MFSK-6	(Moon)
XP01	1-3	1310	14451	Wed	441 441 441 1 06631 00176 54659 ... 54272 22136 66153	MFSK-20/10Bd	(AB/HFD)
XP01	1-3	1330	13451	Wed	441 441 441 1 06631 00176 54659 ... 54272 22136 66153	MFSK-20/10Bd	(AB/HFD)
XP01	1-3	1350	12151	Wed	441 441 441 1 06631 00176 54659 ... 54272 22136 66153	MFSK-20/10Bd	(AB/HFD)
XP01	3-3	1310	14451	Fri	441 441 441 1 06631 00176 54659 ... 54272 22136 66153	MFSK-20/10Bd	(AB/MP)
XP01	3-3	1330	13451	Fri	441 441 441 1 06631 00176 54659 ... 54272 22136 66153	MFSK-20/10Bd	(AB/MP)
XP01	3-3	1350	12151	Fri	441 441 441 1 06631 00176 54659 ... 54272 22136 66153	MFSK-20/10Bd	(AB/MP)
XP01	3-3	1330	14451	Fri	441 441 441 1 06631 00176 54659 ... 54272 22136 66153	MFSK-20/10Bd	(AB/MP)
XP01	8-3	1330	13451	Wed	441 441 441 1 06631 00176 54659 ... 54272 22136 66153	MFSK-20/10Bd	(AB)
XP01	8-3	1350	12151	Wed	441 441 441 1 06631 00176 54659 ... 54272 22136 66153	MFSK-20/10Bd	(AB)
XP01	10-3	1310	14451	Fri	441 441 441 1 06631 00176 54659 ... 54272 22136 66153	MFSK-20/10Bd	(AB/MP)
XP01	10-3	1330	13451	Fri	441 441 441 1 06631 00176 54659 ... 54272 22136 66153	MFSK-20/10Bd	(AB/MP)
XP01	10-3	1350	12151	Fri	441 441 441 1 06631 00176 54659 ... 54272 22136 66153	MFSK-20/10Bd	(AB/MP)
XP01	15-3	1310	14451	Wed	441 441 441 1 00177 00108 09080 ... 88804 04540 10612	MFSK-20/10Bd	(AB/RL/2P1-FIN)
XP01	15-3	1330	13451	Wed	441 441 441 1 00177 00108 09080 ... 88804 04540 10612	MFSK-20/10Bd	(AB/RL)
XP01	15-3	1350	12151	Wed	441 441 441 1 00177 00108 09080 ... 88804 04540 10612	MFSK-20/10Bd	(AB/RL)
XP01	17-3	1310	14451	Fri	441 441 441 1 00177 00108 09080 ... 88804 04540 10612	MFSK-20/10Bd	(AB/2P1-FIN)
XP01	17-3	1330	13451	Fri	441 441 441 1 00177 00108 09080 ... 88804 04540 10612	MFSK-20/10Bd	(AB/2P1-FIN)
XP01	17-3	1350	12151	Fri	441 441 441 1 00177 00108 09080 ... 88804 04540 10612	MFSK-20/10Bd	(AB)
XP01	22-3	1310	14451	Wed	441 441 441 000 06168 00001 00000 35664	MFSK-20/10Bd	(AB)
XP01	22-3	1330	13451	Wed	441 441 441 000 06168 00001 00000 35664	MFSK-20/10Bd	(AB)
XP01	22-3	1350	12151	Wed	441 441 441 000 06168 00001 00000 35664	MFSK-20/10Bd	(AB)
XP01	24-3	1310	14451	Fri	441 441 441 000 09256 00001 00000 35266	MFSK-20/10Bd	(AB)
XP01	24-3	1330	13451	Fri	441 441 441 000 09256 00001 00000 35266	MFSK-20/10Bd	(AB)
XP01	24-3	1350	12151	Fri	441 441 441 000 09256 00001 00000 35266	MFSK-20/10Bd	(AB)
XP01	29-3	1310	14451	Wed	441 441 441 1 06749 00122 18376 ... 91018 35586 64232	MFSK-20/10Bd	(AB/MP)
XP01	29-3	1330	13451	Wed	441 441 441 1 06749 00122 18376 ... 91018 35586 64232	MFSK-20/10Bd	(AB/MP)
XP01	29-3	1350	12151	Wed	441 441 441 1 06749 00122 18376 ... 91018 35586 64232	MFSK-20/10Bd	(AB/MP)
XP01	31-3	1310	14451	Fri	441 441 441 1 06749 00122 18376 ... 91018 35586 64232	MFSK-20/10Bd	(AB/MP)
XP01	31-3	1330	13451	Fri	441 441 441 1 06749 00122 18376 ... 91018 35586 64232	MFSK-20/10Bd	(AB/MP)
XP01	31-3	1350	12151	Fri	441 441 441 1 06749 00122 18376 ... 91018 35586 64232	MFSK-20/10Bd	(AB/MP)
XP02	1-3	0800	13931	Wed	07618 00098 06230 ... 61591 09738 70253	MFSK-16/20Bd	(AB/HFD)
XP02	1-3	0820	14831	Wed	07618 00098 06230 ... 61591 09738 70253	MFSK-16/20Bd	(AB/HFD)
XP02	1-3	0840	16131	Wed	07618 00098 06230 ... 61591 09738 70253	MFSK-16/20Bd	(AB/HFD)
XP02	1-3	0910	18333	Wed	00506 00191 67117 ... 74970 36184 54027	MFSK-16/20Bd	(AB)
XP02	1-3	0930	16345	Wed	00506 00191 67117 ... 74970 36184 54027	MFSK-16/20Bd	(AB)

XP2A2	1-3	0950	14838	Wed	00506 00191 67117 ... 74970 36184 54027	MFSK-16/20Bd	(AB)
XP2A2	1-3	1100	15861	Wed	05937 00129 25684 ... 97968 58502 20040	MFSK-16/20Bd	(AB/HFD)
XP2A2	1-3	1120	14431	Wed	05937 00129 25684 ... 97968 58502 20040	MFSK-16/20Bd	(AB/HFD)
XP2A2	1-3	1140	13431	Wed	05937 00129 25684 ... 97968 58502 20040	MFSK-16/20Bd	(AB/HFD)
XP2A2	1-3	1200	14956	Wed	00246 00160 84073 ... 51385 67684 55142	MFSK-16/20Bd	(AB/HFD)
XP2A2	1-3	1220	16356	Wed	00246 00160 84073 ... 51385 67684 55142	MFSK-16/20Bd	(AB/HFD)
XP2A2	1-3	1240	17456	Wed	00246 00160 84073 ... 51385 67684 55142	MFSK-16/20Bd	(AB/HFD)
XP2A2	2-3	0600	11157	Thu	08421 00001 00000 33662	MFSK-16/20Bd	(AB/HFD)
XP2A2	2-3	0620	12157	Thu	08421 00001 00000 33662	MFSK-16/20Bd	(AB/HFD)
XP2A2	2-3	0640	13557	Thu	08421 00001 00000 33662	MFSK-16/20Bd	(AB/HFD)
XP2A2	2-3	0910	16261	Thu	00388 00114 96586 ... 81850 18257 45651	MFSK-16/20Bd	(AB/HFD)
XP2A2	2-3	0930	15961	Thu	00388 00114 96586 ... 81850 18257 45651	MFSK-16/20Bd	(AB/HFD)
XP2A2	2-3	0950	14861	Thu	00388 00114 96586 ... 81850 18257 45651	MFSK-16/20Bd	(AB/HFD)
XP2A2	2-3	1100	15861	Thu	05937 00129 25684 ... 97968 58502 20040	MFSK-16/20Bd	(AB)
XP2A2	2-3	1120	14431	Thu	05937 00129 25684 ... 97968 58502 20040	MFSK-16/20Bd	(AB)
XP2A2	2-3	1140	13431	Thu	05937 00129 25684 ... 97968 58502 20040	MFSK-16/20Bd	(AB)
XP2A2	2-3	1600	13994	Thu	Off after a few seconds	MFSK-16/20Bd	(AB)
XP2A2	2-3	1620	13494	Thu	00231 00256 16369 ... 77543 14939 40205	MFSK-16/20Bd	(AB)
XP2A2	2-3	1640	12194	Thu	00231 00256 16369 ... 77543 14939 40205	MFSK-16/20Bd	(AB)
XP2A2	3-3	0900	15956	Fri	02497 00211 36912 ... 01168 96306 53113	MFSK-16/20Bd	(AB)
XP2A2	3-3	0920	17456	Fri	02497 00211 36912 ... 01168 96306 53113	MFSK-16/20Bd	(AB)
XP2A2	3-3	0940	18656	Fri	02497 00211 36912 ... 01168 96306 53113	MFSK-16/20Bd	(AB)
XP2A2	3-3	1100	14639	Fri	09921 00053 06247 ... 59398 65353 40062	MFSK-16/20Bd	(AB/MPJ/HFD)
XP2A2	3-3	1120	13539	Fri	09921 00053 06247 ... 59398 65353 40062	MFSK-16/20Bd	(AB/MPJ/HFD)
XP2A2	3-3	1140	12139	Fri	09921 00053 06247 ... 59398 65353 40062	MFSK-16/20Bd	(AB/MPJ/HFD)
XP2A2	3-3	1200	14956	Fri	00246 00160 84073 ... 51385 67684 55142	MFSK-16/20Bd	(AB)
XP2A2	3-3	1220	16356	Fri	00246 00160 84073 ... 51385 67684 55142	MFSK-16/20Bd	(AB)
XP2A2	3-3	1240	17456	Fri	00246 00160 84073 ... 51385 67684 55142	MFSK-16/20Bd	(AB)
XP2A2	4-3	0910	16261	Sat	00388 00114 96586 ... 81850 18257 45651	MFSK-16/20Bd	(AB)
XP2A2	4-3	0930	15961	Sat	00388 00114 96586 ... 81850 18257 45651	MFSK-16/20Bd	(AB)
XP2A2	4-3	0950	14861	Sat	00388 00114 96586 ... 81850 18257 45651	MFSK-16/20Bd	(AB)
XP2A2	4-3	1600	12163	Sat	06417 00195 46901 ... 77778 88848 56247	MFSK-16/20Bd	(AB/MPJ/HFD)
XP2A2	4-3	1620	10863	Sat	06417 00195 46901 ... 77778 88848 56247	MFSK-16/20Bd	(AB/MPJ2Pl+HOL/HFD)
XP2A2	4-3	1640	9363	Sat	06417 00195 46901 ... 77778 88848 56247	MFSK-16/20Bd	(AB/MPJ2Pl+HOL/HFD)
XP2A2	5-3	0900	15956	Sun	02497 00211 36912 ... 01168 96306 53113	MFSK-16/20Bd	(AB)
XP2A2	5-3	0920	17456	Sun	02497 00211 36912 ... 01168 96306 53113	MFSK-16/20Bd	(AB)
XP2A2	5-3	0940	18656	Sun	02497 00211 36912 ... 01168 96306 53113	MFSK-16/20Bd	(AB)
XP2A2	5-3	1200	13384	Sun	07419 00001 00000 37660	MFSK-16/20Bd	(AB/HFD)
XP2A2	5-3	1220	13984	Sun	07419 00001 00000 37660	MFSK-16/20Bd	(AB/HFD)
XP2A2	5-3	1240	14984	Sun	07419 00001 00000 37660	MFSK-16/20Bd	(AB/HFD)
XP2A2	6-3	0800	13931	Mon	07618 00098 06230 ... 61591 09738 70253	MFSK-16/20Bd	(AB)
XP2A2	6-3	0820	14831	Mon	07618 00098 06230 ... 61591 09738 70253	MFSK-16/20Bd	(AB)

XP2A2	6-3	0840	16131	Mon	07618 00098 06230 ... 61591 09738 70253	MFSK-16/20Bd	(AB)
XP2A2	6-3	0910	18333	Mon	00506 00191 67117 ... 74970 36184 54027	MFSK-16/20Bd	(AB)
XP2A2	6-3	0930	16345	Mon	00506 00191 67117 ... 74970 36184 54027	MFSK-16/20Bd	(AB)
XP2A2	6-3	0950	14838	Mon	00506 00191 67117 ... 74970 36184 54027	MFSK-16/20Bd	(AB)
XP2A2	6-3	1600	12163	Mon	09077 00001 00000 34670	MFSK-16/20Bd	(AB/MPJ)
XP2A2	6-3	1620	10863	Mon	09077 00001 00000 34670	MFSK-16/20Bd	(AB/MPJ)
XP2A2	6-3	1640	9363	Mon	09077 00001 00000 34670	MFSK-16/20Bd	(AB/MPJ)
XP2A2	7-3	0600	11157	Tue	09647 00085 12626 ... 53640 50678 40162	MFSK-16/20Bd	(AB)
XP2A2	7-3	0620	12157	Tue	09647 00085 12626 ... 53640 50678 40162	MFSK-16/20Bd	(AB)
XP2A2	7-3	0640	13557	Tue	09647 00085 12626 ... 53640 50678 40162	MFSK-16/20Bd	(AB)
XP2A2	7-3	1100	14639	Tue	06262 00001 00000 33264	MFSK-16/20Bd	(AB/2P1-S)
XP2A2	7-3	1120	13539	Tue	06262 00001 00000 33264	MFSK-16/20Bd	(AB)
XP2A2	7-3	1140	12139	Tue	06262 00001 00000 33264	MFSK-16/20Bd	(AB)
XP2A2	7-3	1200	13384	Tue	08846 00201 72916 ... 43158 53913 33426	MFSK-16/20Bd	(AB/MPJ)
XP2A2	7-3	1220	13984	Tue	08846 00201 72916 ... 43158 53913 33426	MFSK-16/20Bd	(AB/MPJ)
XP2A2	7-3	1240	14984	Tue	08846 00201 72916 ... 43158 53913 33426	MFSK-16/20Bd	(AB/MPJ)
XP2A2	7-3	1600	13994	Tue	04651 00001 00000 34661	MFSK-16/20Bd	(AB/MPJ)
XP2A2	7-3	1620	13494	Tue	04651 00001 00000 34661	MFSK-16/20Bd	(AB/MPJ)
XP2A2	7-3	1640	12194	Tue	04651 00001 00000 34661	MFSK-16/20Bd	(AB/MPJ)
XP2A2	8-3	0800	13931	Wed	07618 00098 06230 ... 61591 09738 70253	MFSK-16/20Bd	(AB)
XP2A2	8-3	0820	14831	Wed	07618 00098 06230 ... 61591 09738 70253	MFSK-16/20Bd	(AB)
XP2A2	8-3	0840	16131	Wed	07618 00098 06230 ... 61591 09738 70253	MFSK-16/20Bd	(AB)
XP2A2	8-3	0910	18333	Wed	00506 00191 67117 ... 74970 36184 54027	MFSK-16/20Bd	(AB)
XP2A2	8-3	0930	16345	Wed	not heard	MFSK-16/20Bd	(AB)
XP2A2	8-3	0950	14838	Wed	00506 00191 67117 ... 74970 36184 54027	MFSK-16/20Bd	(AB)
XP2A2	8-3	1100	15861	Wed	02641 00001 00000 34656	MFSK-16/20Bd	(AB/RL/2P1-S)
XP2A2	8-3	1120	14431	Wed	02641 00001 00000 34656	MFSK-16/20Bd	(AB/RL)
XP2A2	8-3	1140	13431	Wed	02641 00001 00000 34656	MFSK-16/20Bd	(AB/RL)
XP2A2	8-3	1200	14956	Wed	05545 00204 63568 ... 63609 25101 37057	MFSK-16/20Bd	(AB)
XP2A2	8-3	1220	16356	Wed	05545 00204 63568 ... 63609 25101 37057	MFSK-16/20Bd	(AB)
XP2A2	8-3	1240	17456	Wed	05545 00204 63568 ... 63609 25101 37057	MFSK-16/20Bd	(AB)
XP2A2	9-3	0600	11157	Thu	09647 00085 12626 ... 53640 50678 40162	MFSK-16/20Bd	(AB)
XP2A2	9-3	0620	12157	Thu	09647 00085 12626 ... 53640 50678 40162	MFSK-16/20Bd	(AB)
XP2A2	9-3	0640	13557	Thu	09647 00085 12626 ... 53640 50678 40162	MFSK-16/20Bd	(AB)
XP2A2	9-3	0910	16261	Thu	09932 00001 00000 36664	MFSK-16/20Bd	(AB)
XP2A2	9-3	0930	15961	Thu	09932 00001 00000 36664	MFSK-16/20Bd	(AB)
XP2A2	9-3	0950	14861	Thu	09932 00001 00000 36664	MFSK-16/20Bd	(AB)
XP2A2	9-3	1100	15861	Thu	05458 00001 00000 37262	MFSK-16/20Bd	(AB)
XP2A2	9-3	1120	14431	Thu	05458 00001 00000 37262	MFSK-16/20Bd	(AB)
XP2A2	9-3	1140	13431	Thu	05458 00001 00000 37262	MFSK-16/20Bd	(AB)
XP2A2	9-3	1600	13994	Thu	02016 00001 00000 34253	MFSK-16/20Bd	(AB)
XP2A2	9-3	1620	13494	Thu	02016 00001 00000 34253	MFSK-16/20Bd	(AB)

XP2A	9-3	1640	12194	Thu	02016 00001 00000 34253	MFSK-16/20Bd	(AB)
XP2A	10-3	0900	15956	Fri	00109 00109 68293 ... 16792 27813 53753	MFSK-16/20Bd	(AB)
XP2A	10-3	0920	17456	Fri	00109 00109 68293 ... 16792 27813 53753	MFSK-16/20Bd	(AB)
XP2A	10-3	0940	18656	Fri	00109 00109 68293 ... 16792 27813 53753	MFSK-16/20Bd	(AB)
XP2A	10-3	1100	14639	Fri	04317 00001 00000 36255	MFSK-16/20Bd	(AB/MPJ)
XP2A	10-3	1120	13539	Fri	04317 00001 00000 36255	MFSK-16/20Bd	(AB/MPJ)
XP2A	10-3	1140	12139	Fri	04317 00001 00000 36255	MFSK-16/20Bd	(AB/MPJ)
XP2A	10-3	1200	14956	Fri	05545 00204 63568 ... 63609 25101 37057	MFSK-16/20Bd	(AB)
XP2A	10-3	1220	16356	Fri	05545 00204 63568 ... 63609 25101 37057	MFSK-16/20Bd	(AB)
XP2A	10-3	1240	17456	Fri	05545 00204 63568 ... 63609 25101 37057	MFSK-16/20Bd	(AB)
XP2A	11-3	0910	16261	Sat	01650 00001 00000 34256	MFSK-16/20Bd	(AB)
XP2A	11-3	0930	15961	Sat	01650 00001 00000 34256	MFSK-16/20Bd	(AB)
XP2A	11-3	0950	14861	Sat	01650 00001 00000 34256	MFSK-16/20Bd	(AB)
XP2A	11-3	1600	12163	Sat	06395 00001 00000 35267	MFSK-16/20Bd	(AB/MPJ)
XP2A	11-3	1620	10863	Sat	06395 00001 00000 35267	MFSK-16/20Bd	(AB/MPJ/2PI-FIN)
XP2A	11-3	1640	9363	Sat	06395 00001 00000 35267	MFSK-16/20Bd	(AB/MPJ)
XP2A	12-3	0900	15956	Sun	00109 00109 68293 ... 16792 27813 53753	MFSK-16/20Bd	(AB)
XP2A	12-3	0920	17456	Sun	00109 00109 68293 ... 16792 27813 53753	MFSK-16/20Bd	(AB)
XP2A	12-3	0940	18656	Sun	00109 00109 68293 ... 16792 27813 53753	MFSK-16/20Bd	(AB)
XP2A	12-3	1200	13384	Sun	08846 00201 72916 ... 43158 53913 33426	MFSK-16/20Bd	(AB/MPJ)
XP2A	12-3	1220	13984	Sun	08846 00201 72916 ... 43158 53913 33426	MFSK-16/20Bd	(AB/MPJ/2PI-G)
XP2A	12-3	1240	14984	Sun	08846 00201 72916 ... 43158 53913 33426	MFSK-16/20Bd	(AB/MPJ)
XP2A	13-3	0800	13931	Mon	00282 00112 23793 ... 02824 70634 21244	MFSK-16/20Bd	(AB)
XP2A	13-3	0820	14831	Mon	00282 00112 23793 ... 02824 70634 21244	MFSK-16/20Bd	(AB)
XP2A	13-3	0840	16431	Mon	00282 00112 23793 ... 02824 70634 21244	MFSK-16/20Bd	(AB)
XP2A	13-3	0910	18333	Mon	08618 00159 73055 ... 53084 96716 06404	MFSK-16/20Bd	(AB)
XP2A	13-3	0930	16345	Mon	08618 00159 73055 ... 53084 96716 06404	MFSK-16/20Bd	(AB)
XP2A	13-3	0950	14838	Mon	08618 00159 73055 ... 53084 96716 06404	MFSK-16/20Bd	(AB)
XP2A	13-3	1600	12163	Mon	09509 00228 85945 ... 59467 89104 77053	MFSK-16/20Bd	(AB)
XP2A	13-3	1620	10863	Mon	09509 00228 85945 ... 59467 89104 77053	MFSK-16/20Bd	(AB)
XP2A	13-3	1640	9363	Mon	09509 00228 85945 ... 59467 89104 77053	MFSK-16/20Bd	(AB)
XP2A	14-3	0600	11157	Tue	00354 00103 32047 ... 96707 81190 77023	MFSK-16/20Bd	(AB)
XP2A	14-3	0620	12157	Tue	00354 00103 32047 ... 96707 81190 77023	MFSK-16/20Bd	(AB)
XP2A	14-3	0640	13557	Tue	00354 00103 32047 ... 96707 81190 77023	MFSK-16/20Bd	(AB)
XP2A	14-3	1100	14639	Tue	00150 00171 91420 ... 76283 28539 31607	MFSK-16/20Bd	(AB/MPJ)
XP2A	14-3	1120	13539	Tue	00150 00171 91420 ... 76283 28539 31607	MFSK-16/20Bd	(AB/MPJ/2PI-S)
XP2A	14-3	1140	12139	Tue	00150 00171 91420 ... 76283 28539 31607	MFSK-16/20Bd	(AB/MPJ)
XP2A	14-3	1200	13384	Tue	00494 00103 67158 ... 34589 13343 67442	MFSK-16/20Bd	(AB)
XP2A	14-3	1220	13984	Tue	00494 00103 67158 ... 34589 13343 67442	MFSK-16/20Bd	(AB)
XP2A	14-3	1240	14984	Tue	00494 00103 67158 ... 34589 13343 67442	MFSK-16/20Bd	(AB)
XP2A	14-3	1600	13994	Tue	00395 00207 37182 ... 61019 71181 71547	MFSK-16/20Bd	(AB)
XP2A	14-3	1620	13494	Tue	00395 00207 37182 ... 61019 71181 71547	MFSK-16/20Bd	(AB)

XP2A	14-3	1640	12194	Tue	00395 00207 37182 ... 61019 71181 71547	MFSK-16/20Bd	(AB)
XP2A	15-3	0800	13931	Wed	00282 00112 23793 ... 02824 70634 21244	MFSK-16/20Bd	(AB)
XP2A	15-3	0820	14831	Wed	00282 00112 23793 ... 02824 70634 21244	MFSK-16/20Bd	(AB)
XP2A	15-3	0840	16131	Wed	00282 00112 23793 ... 02824 70634 21244	MFSK-16/20Bd	(AB)
XP2A	15-3	0910	18333	Wed	08618 00159 73055 ... 53084 96716 06404	MFSK-16/20Bd	(AB)
XP2A	15-3	0930	16345	Wed	08618 00159 73055 ... 53084 96716 06404	MFSK-16/20Bd	(AB)
XP2A	15-3	0950	14838	Wed	08618 00159 73055 ... 53084 96716 06404	MFSK-16/20Bd	(AB)
XP2A	15-3	1100	15861	Wed	05531 00035 77527 ... 95473 38734 20353	MFSK-16/20Bd	(AB)
XP2A	15-3	1120	14431	Wed	05531 00035 77527 ... 95473 38734 20353	MFSK-16/20Bd	(AB)
XP2A	15-3	1140	13431	Wed	05531 00035 77527 ... 95473 38734 20353	MFSK-16/20Bd	(AB)
XP2A	15-3	1200	14956	Wed	00173 00082 58578 ... 52576 97684 14113	MFSK-16/20Bd	(AB)
XP2A	15-3	1220	16356	Wed	00173 00082 58578 ... 52576 97684 14113	MFSK-16/20Bd	(AB)
XP2A	15-3	1240	17456	Wed	00173 00082 58578 ... 52576 97684 14113	MFSK-16/20Bd	(AB)
XP2A	16-3	0600	11157	Thu	00354 00103 32047 ... 96707 81190 77023	MFSK-16/20Bd	(AB)
XP2A	16-3	0620	12157	Thu	00354 00103 32047 ... 96707 81190 77023	MFSK-16/20Bd	(AB)
XP2A	16-3	0640	13557	Thu	00354 00103 32047 ... 96707 81190 77023	MFSK-16/20Bd	(AB)
XP2A	16-3	0910	16261	Thu	01706 00001 00000 37651	MFSK-16/20Bd	(AB)
XP2A	16-3	0930	15961	Thu	01706 00001 00000 37651	MFSK-16/20Bd	(AB)
XP2A	16-3	0950	14861	Thu	01706 00001 00000 37651	MFSK-16/20Bd	(AB/2Pl-S)
XP2A	16-3	1100	15861	Thu	05531 00035 77527 ... 95473 38734 20353	MFSK-16/20Bd	(AB)
XP2A	16-3	1120	14431	Thu	05531 00035 77527 ... 95473 38734 20353	MFSK-16/20Bd	(AB)
XP2A	16-3	1140	13431	Thu	05531 00035 77527 ... 95473 38734 20353	MFSK-16/20Bd	(AB)
XP2A	16-3	1600	13994	Thu	00395 00207 37182 ... 61019 71181 71547	MFSK-16/20Bd	(AB/MPJ)
XP2A	16-3	1620	13494	Thu	00395 00207 37182 ... 61019 71181 71547	MFSK-16/20Bd	(AB/MPJ)
XP2A	16-3	1640	12194	Thu	00395 00207 37182 ... 61019 71181 71547	MFSK-16/20Bd	(AB/MPJ)
XP2A	17-3	0900	15956	Fri	06793 00001 00000 36267	MFSK-16/20Bd	(AB)
XP2A	17-3	0920	17456	Fri	06793 00001 00000 36267	MFSK-16/20Bd	(AB)
XP2A	17-3	0940	18656	Fri	06793 00001 00000 36267	MFSK-16/20Bd	(AB)
XP2A	17-3	1100	14639	Fri	00150 00171 91420 ... 76283 28539 31607	MFSK-16/20Bd	(AB)
XP2A	17-3	1120	13539	Fri	00150 00171 91420 ... 76283 28539 31607	MFSK-16/20Bd	(AB)
XP2A	17-3	1140	12139	Fri	00150 00171 91420 ... 76283 28539 31607	MFSK-16/20Bd	(AB)
XP2A	17-3	1200	14956	Fri	00173 00082 58578 ... 52576 97684 14113	MFSK-16/20Bd	(AB)
XP2A	17-3	1220	16356	Fri	00173 00082 58578 ... 52576 97684 14113	MFSK-16/20Bd	(AB/RL)
XP2A	17-3	1240	17456	Fri	00173 00082 58578 ... 52576 97684 14113	MFSK-16/20Bd	(AB/RL)
XP2A	18-3	0910	16261	Sat	04998 00001 00000 41665	MFSK-16/20Bd	(AB)
XP2A	18-3	0930	15961	Sat	04998 00001 00000 41665	MFSK-16/20Bd	(AB)
XP2A	18-3	0950	14861	Sat	04998 00001 00000 41665	MFSK-16/20Bd	(AB)
XP2A	18-3	1600	12163	Sat	09509 00228 85945 ... 59467 89104 77053	MFSK-16/20Bd	(AB)
XP2A	18-3	1620	10863	Sat	09509 00228 85945 ... 59467 89104 77053	MFSK-16/20Bd	(AB)
XP2A	18-3	1640	9363	Sat	09509 00228 85945 ... 59467 89104 77053	MFSK-16/20Bd	(AB)
XP2A	19-3	0900	15956	Sun	08326 00001 00000 35662	MFSK-16/20Bd	(AB)
XP2A	19-3	0920	17456	Sun	08326 00001 00000 35662	MFSK-16/20Bd	(AB)

XP2A2	19-3	0940	18656	Sun	08326 00001 00000 35662	MFSK-16/20bd	(AB)
XP2A2	19-3	1200	13384	Sun	00494 00103 67158 ... 34589 13343 67442	MFSK-16/20bd	(AB/MPJ/2PI-FIN)
XP2A2	19-3	1220	13984	Sun	00494 00103 67158 ... 34589 13343 67442	MFSK-16/20bd	(AB/MPJ/2PI-FIN)
XP2A2	19-3	1240	14984	Sun	00494 00103 67158 ... 34589 13343 67442	MFSK-16/20bd	(AB/MPJ)
XP2A2	20-3	0800	13931	Mon	00282 00112 23793 ... 02824 70634 21244	MFSK-16/20bd	(AB)
XP2A2	20-3	0820	14831	Mon	00282 00112 23793 ... 02824 70634 21244	MFSK-16/20bd	(AB)
XP2A2	20-3	0840	16131	Mon	00282 00112 23793 ... 02824 70634 21244	MFSK-16/20bd	(AB)
XP2A2	20-3	0910	18333	Mon	08618 00159 73055 ... 53084 96716 06404	MFSK-16/20bd	(AB)
XP2A2	20-3	0930	16345	Mon	08618 00159 73055 ... 53084 96716 06404	MFSK-16/20bd	(AB)
XP2A2	20-3	0950	14838	Mon	08618 00159 73055 ... 53084 96716 06404	MFSK-16/20bd	(AB)
XP2A2	20-3	1600	12163	Mon	08816 00001 00000 40261	MFSK-16/20bd	(AB)
XP2A2	20-3	1620	10863	Mon	08816 00001 00000 40261	MFSK-16/20bd	(AB)
XP2A2	20-3	1640	9363	Mon	08816 00001 00000 40261	MFSK-16/20bd	(AB)
XP2A2	21-3	0600	11157	Tue	08400 00095 60825... 04092 83293 00644	MFSK-16/20bd	(AB)
XP2A2	21-3	0620	12157	Tue	08400 00095 60825... 04092 83293 00644	MFSK-16/20bd	(AB)
XP2A2	21-3	0640	13557	Tue	08400 00095 60825... 04092 83293 00644	MFSK-16/20bd	(AB)
XP2A2	21-3	1010	19181	Tue	00708 00283 59416 ... 47903 80876 63546	MFSK-16/20bd	(AB)
XP2A2	21-3	1020	17441	Tue	00708 00283 59416 ... 47903 80876 63546	MFSK-16/20bd	(AB)
XP2A2	21-3	1030	16259	Tue	00708 00283 59416 ... 47903 80876 63546	MFSK-16/20bd	(AB)
XP2A2	21-3	1040	15834	Tue	00708 00283 59416 ... 47903 80876 63546	MFSK-16/20bd	(AB)
XP2A2	21-3	1050	14574	Tue	00708 00283 59416 ... 47903 80876 63546	MFSK-16/20bd	(AB)
XP2A2	21-3	1100	14639	Tue	00150 00171 91420 ... 76283 28539 31607	MFSK-16/20bd	(AB)
XP2A2	21-3	1120	13539	Tue	00150 00171 91420 ... 76283 28539 31607	MFSK-16/20bd	(AB)
XP2A2	21-3	1140	12139	Tue	00150 00171 91420 ... 76283 28539 31607	MFSK-16/20bd	(AB)
XP2A2	21-3	1200	13384	Tue	07859 00133 57689 ... 27534 39166 41564	MFSK-16/20bd	(AB)
XP2A2	21-3	1200	16293	Tue	00514 00273 67283 ... 09735 91313 71307	MFSK-16/20bd	(AB)
XP2A2	21-3	1210	15872	Tue	00514 00273 67283 ... 09735 91313 71307	MFSK-16/20bd	(AB)
XP2A2	21-3	1220	14754	Tue	00514 00273 67283 ... 09735 91313 71307	MFSK-16/20bd	(AB)
XP2A2	21-3	1230	13392	Tue	00514 00273 67283 ... 09735 91313 71307	MFSK-16/20bd	(AB)
XP2A2	21-3	1240	11439	Tue	00514 00273 67283 ... 09735 91313 71307	MFSK-16/20bd	(AB)
XP2A2	21-3	1240	14984	Tue	07859 00133 57689 ... 27534 39166 41564	MFSK-16/20bd	(AB)
XP2A2	21-3	1250	10358	Tue	00514 00273 67283 ... 09735 91313 71307	MFSK-16/20bd	(AB)
XP2A2	21-3	1300	15874	Tue	00474 00253 33453 ... 18315 41825 21524	MFSK-16/20bd	(AB)
XP2A2	21-3	1310	14383	Tue	00474 00253 33453 ... 18315 41825 21524	MFSK-16/20bd	(AB)
XP2A2	21-3	1320	13441	Tue	00474 00253 33453 ... 18315 41825 21524	MFSK-16/20bd	(AB)
XP2A2	21-3	1330	12158	Tue	00474 00253 33453 ... 18315 41825 21524	MFSK-16/20bd	(AB)
XP2A2	21-3	1340	11544	Tue	00474 00253 33453 ... 18315 41825 21524	MFSK-16/20bd	(AB)
XP2A2	21-3	1350	10394	Tue	00474 00253 33453 ... 18315 41825 21524	MFSK-16/20bd	(AB)
XP2A2	21-3	1400	13887	Tue	00724 00284 95793 ... 22968 07176 75527	MFSK-16/20bd	(AB)
XP2A2	21-3	1410	13372	Tue	00724 00284 95793 ... 22968 07176 75527	MFSK-16/20bd	(AB)
XP2A2	21-3	1420	12187	Tue	00724 00284 95793 ... 22968 07176 75527	MFSK-16/20bd	(AB)

XP2A2	21-3	1430	11021	Tue	00724 00284 95793 ... 22968 07176 75527	MFSK-16/20Bd	(AB)
XP2A2	21-3	1440	10237	Tue	00724 00284 95793 ... 22968 07176 75527	MFSK-16/20Bd	(AB)
XP2A2	21-3	1450	9307	Tue	00724 00284 95793 ... 22968 07176 75527	MFSK-16/20Bd	(AB)
XP2A2	21-3	1500	12173	Tue	00679 00264 66210 ... 26350 40358 15774	MFSK-16/20Bd	(AB)
XP2A2	21-3	1510	11544	Tue	00679 00264 66210 ... 26350 40358 15774	MFSK-16/20Bd	(AB)
XP2A2	21-3	1520	10351	Tue	00679 00264 66210 ... 26350 40358 15774	MFSK-16/20Bd	(AB)
XP2A2	21-3	1540	9109	Tue	00679 00264 66210 ... 26350 40358 15774	MFSK-16/20Bd	(AB)
XP2A2	21-3	1600	13994	Tue	03774 00001 00000 36662	MFSK-16/20Bd	(AB)
XP2A2	21-3	1620	13494	Tue	03774 00001 00000 36662	MFSK-16/20Bd	(AB)
XP2A2	21-3	1640	12194	Tue	03774 00001 00000 36662	MFSK-16/20Bd	(AB)
XP2A2	21-3	1700	12224	Tue	00325 00262 78575 ... 09103 13170 07157	MFSK-16/20Bd	(AB)
XP2A2	21-3	1710	12182	Tue	00325 00262 78575 ... 09103 13170 07157	MFSK-16/20Bd	(AB)
XP2A2	21-3	1720	11543	Tue	00325 00262 78575 ... 09103 13170 07157	MFSK-16/20Bd	(AB)
XP2A2	21-3	1730	10977	Tue	00325 00262 78575 ... 09103 13170 07157	MFSK-16/20Bd	(AB)
XP2A2	21-3	1740	10354	Tue	00325 00262 78575 ... 09103 13170 07157	MFSK-16/20Bd	(AB)
XP2A2	21-3	1750	9982	Tue	00325 00262 78575 ... 09103 13170 07157	MFSK-16/20Bd	(AB)
XP2A2	21-3	1800	10977	Tue	00391 00266 13480 ... 81897 40860 40706	MFSK-16/20Bd	(AB)
XP2A2	21-3	1810	10329	Tue	00391 00266 13480 ... 81897 40860 40706	MFSK-16/20Bd	(AB)
XP2A2	21-3	1820	9203	Tue	00391 00266 13480 ... 81897 40860 40706	MFSK-16/20Bd	(AB)
XP2A2	21-3	1830	8113	Tue	00391 00266 13480 ... 81897 40860 40706	MFSK-16/20Bd	(AB)
XP2A2	21-3	1840	7834	Tue	00391 00266 13480 ... 81897 40860 40706	MFSK-16/20Bd	(AB)
XP2A2	21-3	1850	7453	Tue	00391 00266 13480 ... 81897 40860 40706	MFSK-16/20Bd	(AB)
XP2A2	22-3	0800	13931	Wed	00282 00112 23793 ... 02824 70634 21244	MFSK-16/20Bd	(AB)
XP2A2	22-3	0820	14831	Wed	00282 00112 23793 ... 02824 70634 21244	MFSK-16/20Bd	(AB)
XP2A2	22-3	0840	16131	Wed	00282 00112 23793 ... 02824 70634 21244	MFSK-16/20Bd	(AB)
XP2A2	22-3	0910	18333	Wed	08618 00159 73055 ... 53084 96716 06404	MFSK-16/20Bd	(AB/HFD)
XP2A2	22-3	0930	16345	Wed	08618 00159 73055 ... 53084 96716 06404	MFSK-16/20Bd	(AB/HFD)
XP2A2	22-3	0950	14838	Wed	08618 00159 73055 ... 53084 96716 06404	MFSK-16/20Bd	(AB/HFD)
XP2A2	22-3	1100	15861	Wed	05531 00035 77527 ... 95473 38734 20353	MFSK-16/20Bd	(AB)
XP2A2	22-3	1120	14431	Wed	05531 00035 77527 ... 95473 38734 20353	MFSK-16/20Bd	(AB)
XP2A2	22-3	1140	13431	Wed	05531 00035 77527 ... 95473 38734 20353	MFSK-16/20Bd	(AB)
XP2A2	22-3	1200	14956	Wed	07421 00112 25068 ... 93942 49540 34221	MFSK-16/20Bd	(AB)
XP2A2	22-3	1220	16356	Wed	07421 00112 25068 ... 93942 49540 34221	MFSK-16/20Bd	(AB)
XP2A2	22-3	1240	17456	Wed	07421 00112 25068 ... 93942 49540 34221	MFSK-16/20Bd	(AB)
XP2A2	23-3	0600	11157	Thu	08400 00095 60825... 04092 83293 00644	MFSK-16/20Bd	(AB)
XP2A2	23-3	0620	12157	Thu	08400 00095 60825... 04092 83293 00644	MFSK-16/20Bd	(AB)
XP2A2	23-3	0640	13557	Thu	08400 00095 60825... 04092 83293 00644	MFSK-16/20Bd	(AB)
XP2A2	23-3	0910	16261	Thu	00284 00112 46949 ... 75081 37513 16276	MFSK-16/20Bd	(AB)
XP2A2	23-3	0930	15961	Thu	00284 00112 46949 ... 75081 37513 16276	MFSK-16/20Bd	(AB)
XP2A2	23-3	0950	14861	Thu	00284 00112 46949 ... 75081 37513 16276	MFSK-16/20Bd	(AB)
XP2A2	23-3	1100	15861	Thu	05531 00035 77527 ... 95473 38734 20353	MFSK-16/20Bd	(AB)
XP2A2	23-3	1120	14431	Thu	05531 00035 77527 ... 95473 38734 20353	MFSK-16/20Bd	(AB)

XP2A2	23-3	1140	13431	Thu	05531 00035 77527 ... 95473 38734 20353	MFSK-16/20Bd	(AB)
XP2A2	23-3	1600	13994	Thu	05868 00001 00000 41263	MFSK-16/20Bd	(AB/MPJ/HFD)
XP2A2	23-3	1620	13494	Thu	05868 00001 00000 41263	MFSK-16/20Bd	(AB/MPJ/HFD)
XP2A2	23-3	1640	12194	Thu	05868 00001 00000 41263	MFSK-16/20Bd	(AB/MPJ/HFD)
XP2A2	24-3	0900	15956	Fri	00215 00203 88710 ... 47533 01890 30600	MFSK-16/20Bd	(AB)
XP2A2	24-3	0920	17456	Fri	00215 00203 88710 ... 47533 01890 30600	MFSK-16/20Bd	(AB)
XP2A2	24-3	0940	18656	Fri	00215 00203 88710 ... 47533 01890 30600	MFSK-16/20Bd	(AB)
XP2A2	24-3	1100	14639	Fri	00150 00171 91420 ... 76283 28539 31607	MFSK-16/20Bd	(AB/MPJ)
XP2A2	24-3	1120	13539	Fri	00150 00171 91420 ... 76283 28539 31607	MFSK-16/20Bd	(AB/MPJ)
XP2A2	24-3	1140	12139	Fri	00150 00171 91420 ... 76283 28539 31607	MFSK-16/20Bd	(AB/MPJ)
XP2A2	24-3	1200	14956	Fri	07421 00112 25068 ... 93942 49540 34221	MFSK-16/20Bd	(AB)
XP2A2	24-3	1220	16356	Fri	07421 00112 25068 ... 93942 49540 34221	MFSK-16/20Bd	(AB)
XP2A2	24-3	1240	17456	Fri	07421 00112 25068 ... 93942 49540 34221	MFSK-16/20Bd	(AB)
XP2A2	25-3	0910	16261	Sat	00284 00112 46949 ... 75081 37513 16276	MFSK-16/20Bd	(AB)
XP2A2	25-3	0930	15961	Sat	00284 00112 46949 ... 75081 37513 16276	MFSK-16/20Bd	(AB)
XP2A2	25-3	0950	14861	Sat	00284 00112 46949 ... 75081 37513 16276	MFSK-16/20Bd	(AB)
XP2A2	25-3	1000	20494	Sat	08889 00001 00000 41671	MFSK-16/20Bd	(AB)
XP2A2	25-3	1010	19181	Sat	08889 00001 00000 41671	MFSK-16/20Bd	(AB)
XP2A2	25-3	1020	17441	Sat	08889 00001 00000 41671	MFSK-16/20Bd	(AB)
XP2A2	25-3	1030	16259	Sat	08889 00001 00000 41671	MFSK-16/20Bd	(AB)
XP2A2	25-3	1040	15834	Sat	08889 00001 00000 41671	MFSK-16/20Bd	(AB)
XP2A2	25-3	1050	14574	Sat	08889 00001 00000 41671	MFSK-16/20Bd	(AB)
XP2A2	25-3	1100	18447	Sat	00991 00271 51848 ... 92625 95268 35053	MFSK-16/20Bd	(AB)
XP2A2	25-3	1110	16104	Sat	00991 00271 51848 ... 92625 95268 35053	MFSK-16/20Bd	(AB)
XP2A2	25-3	1120	15863	Sat	00991 00271 51848 ... 92625 95268 35053	MFSK-16/20Bd	(AB)
XP2A2	25-3	1130	14706	Sat	00991 00271 51848 ... 92625 95268 35053	MFSK-16/20Bd	(AB)
XP2A2	25-3	1140	13404	Sat	00991 00271 51848 ... 92625 95268 35053	MFSK-16/20Bd	(AB)
XP2A2	25-3	1150	10921	Sat	00991 00271 51848 ... 92625 95268 35053	MFSK-16/20Bd	(AB)
XP2A2	25-3	1200	16293	Sat	00802 00289 31065 ... 94770 96558 24514	MFSK-16/20Bd	(AB)
XP2A2	25-3	1210	15872	Sat	00802 00289 31065 ... 94770 96558 24514	MFSK-16/20Bd	(AB)
XP2A2	25-3	1220	14754	Sat	00802 00289 31065 ... 94770 96558 24514	MFSK-16/20Bd	(AB)
XP2A2	25-3	1230	13392	Sat	00802 00289 31065 ... 94770 96558 24514	MFSK-16/20Bd	(AB)
XP2A2	25-3	1240	11439	Sat	00802 00289 31065 ... 94770 96558 24514	MFSK-16/20Bd	(AB)
XP2A2	25-3	1250	10358	Sat	00802 00289 31065 ... 94770 96558 24514	MFSK-16/20Bd	(AB)
XP2A2	25-3	1300	15874	Sat	00205 00287 67343 ... 81842 11234 51572	MFSK-16/20Bd	(AB)
XP2A2	25-3	1310	14383	Sat	00205 00287 67343 ... 81842 11234 51572	MFSK-16/20Bd	(AB)
XP2A2	25-3	1320	13441	Sat	Off during start tones	MFSK-16/20Bd	(AB)
XP2A2	25-3	1330	12158	Sat	00205 00287 67343 ... 81842 11234 51572	MFSK-16/20Bd	(AB)
XP2A2	25-3	1340	11544	Sat	00205 00287 67343 ... 81842 11234 51572	MFSK-16/20Bd	(AB)
XP2A2	25-3	1350	10394	Sat	00205 00287 67343 ... 81842 11234 51572	MFSK-16/20Bd	(AB)
XP2A2	25-3	1400	13887	Sat	00392 00298 76551 ... 65679 62558 32743 34117	MFSK-16/20Bd	(AB)
XP2A2	25-3	1410	13372	Sat	00392 00298 76551 ... 65679 62558 32743 34117	MFSK-16/20Bd	(AB)

XP2A	25-3	1420	12187	Sat	00392 00298 76551 ... 65679 62558 32743 34117	MFSK-16/20Bd	(AB)
XP2A	25-3	1430	11021	Sat	00392 00298 76551 ... 65679 62558 32743 34117	MFSK-16/20Bd	(AB)
XP2A	25-3	1440	10237	Sat	00392 00298 76551 ... 65679 62558 32743 34117	MFSK-16/20Bd	(AB)
XP2A	25-3	1450	9307	Sat	00392 00298 76551 ... 65679 62558 32743 34117	MFSK-16/20Bd	(AB)
XP2A	25-3	1500	12173	Sat	00720 00267 37209 ... 10698 33585 24451	MFSK-16/20Bd	(AB)
XP2A	25-3	1510	11544	Sat	00720 00267 37209 ... 10698 33585 24451	MFSK-16/20Bd	(AB)
XP2A	25-3	1520	10351	Sat	00720 00267 37209 ... 10698 33585 24451	MFSK-16/20Bd	(AB)
XP2A	25-3	1530	9397	Sat	00720 00267 37209 ... 10698 33585 24451	MFSK-16/20Bd	(AB)
XP2A	25-3	1540	9109	Sat	00720 00267 37209 ... 10698 33585 24451	MFSK-16/20Bd	(AB)
XP2A	25-3	1550	8174	Sat	00720 00267 37209 ... 10698 33585 24451	MFSK-16/20Bd	(AB)
XP2A	25-3	1600	12163	Sat	09471 00001 00000 33670	MFSK-16/20Bd	(AB)
XP2A	25-3	1620	10863	Sat	09471 00001 00000 33670	MFSK-16/20Bd	(AB)
XP2A	25-3	1640	9363	Sat	09471 00001 00000 33670	MFSK-16/20Bd	(AB)
XP2A	26-3	0900	15956	Sun	00215 00203 88710 ... 47533 01890 30600	MFSK-16/20Bd	(AB)
XP2A	26-3	0920	17456	Sun	00215 00203 88710 ... 47533 01890 30600	MFSK-16/20Bd	(AB)
XP2A	26-3	0940	18656	Sun	00215 00203 88710 ... 47533 01890 30600	MFSK-16/20Bd	(AB)
XP2A	26-3	1200	13384	Sun	07859 00133 57689 ... 27534 39166 41564	MFSK-16/20Bd	(AB/MP)
XP2A	26-3	1220	13984	Sun	07859 00133 57689 ... 27534 39166 41564	MFSK-16/20Bd	(AB/MP)
XP2A	26-3	1240	14984	Sun	07859 00133 57689 ... 27534 39166 41564	MFSK-16/20Bd	(AB/MP)
XP2A	27-3	0800	13931	Mon	09805 00124 16273 ... 48788 27130 27710	MFSK-16/20Bd	(AB)
XP2A	27-3	0820	14831	Mon	09805 00124 16273 ... 48788 27130 27710	MFSK-16/20Bd	(AB)
XP2A	27-3	0840	16131	Mon	09805 00124 16273 ... 48788 27130 27710	MFSK-16/20Bd	(AB)
XP2A	27-3	0910	18333	Mon	03411 00001 00000 33654	MFSK-16/20Bd	(AB)
XP2A	27-3	0930	16345	Mon	03411 00001 00000 33654	MFSK-16/20Bd	(AB)
XP2A	27-3	0950	14838	Mon	03411 00001 00000 33654	MFSK-16/20Bd	(AB)
XP2A	27-3	1600	12163	Mon	00320 00263 49202 ... 36800 90410 40203	MFSK-16/20Bd	(AB/MP)
XP2A	27-3	1620	10863	Mon	00320 00263 49202 ... 36800 90410 40203	MFSK-16/20Bd	(AB/MP)
XP2A	27-3	1640	9363	Mon	00320 00263 49202 ... 36800 90410 40203	MFSK-16/20Bd	(AB/MP)
XP2A	28-3	0600	11157	Tue	09039 00115 52515 ... 70733 71004 23346	MFSK-16/20Bd	(AB)
XP2A	28-3	0620	12157	Tue	09039 00115 52515 ... 70733 71004 23346	MFSK-16/20Bd	(AB)
XP2A	28-3	0640	13557	Tue	09039 00115 52515 ... 70733 71004 23346	MFSK-16/20Bd	(AB)
XP2A	28-3	0800	24381	Tue	00341 00271 14838 ... 23174 70687 30036	MFSK-16/20Bd	(AB)
XP2A	28-3	0810	23137	Tue	00341 00271 14838 ... 23174 70687 30036	MFSK-16/20Bd	(AB)
XP2A	28-3	0820	22875	Tue	00341 00271 14838 ... 23174 70687 30036	MFSK-16/20Bd	(AB)
XP2A	28-3	0830	21894	Tue	00341 00271 14838 ... 23174 70687 30036	MFSK-16/20Bd	(AB)
XP2A	28-3	0840	20752	Tue	00341 00271 14838 ... 23174 70687 30036	MFSK-16/20Bd	(AB)
XP2A	28-3	0850	19601	Tue	00341 00271 14838 ... 23174 70687 30036	MFSK-16/20Bd	(AB)
XP2A	28-3	0900	24427	Tue	01511 00001 00000 34252	MFSK-16/20Bd	(AB)
XP2A	28-3	0910	23124	Tue	01511 00001 00000 34252	MFSK-16/20Bd	(AB)
XP2A	28-3	0920	22886	Tue	01511 00001 00000 34252	MFSK-16/20Bd	(AB)
XP2A	28-3	0930	21873	Tue	01511 00001 00000 34252	MFSK-16/20Bd	(AB)
XP2A	28-3	0940	20458	Tue	01511 00001 00000 34252	MFSK-16/20Bd	(AB)

XP2	28-3	0950	19111	Tue	01511 00001 00000 34252	MFSK-16/20Bd	(AB)
XP2	28-3	1000	20494	Tue	00878 00293 35365 ... 06558 62720 36140	MFSK-16/20Bd	(AB)
XP2	28-3	1010	19181	Tue	00878 00293 35365 ... 06558 62720 36140	MFSK-16/20Bd	(AB)
XP2	28-3	1020	17441	Tue	00878 00293 35365 ... 06558 62720 36140	MFSK-16/20Bd	(AB)
XP2	28-3	1030	16259	Tue	00878 00293 35365 ... 06558 62720 36140	MFSK-16/20Bd	(AB)
XP2	28-3	1040	15834	Tue	00878 00293 35365 ... 06558 62720 36140	MFSK-16/20Bd	(AB)
XP2	28-3	1050	14574	Tue	00878 00293 35365 ... 06558 62720 36140	MFSK-16/20Bd	(AB)
XP2	28-3	1100	14639	Tue	09297 00116 42161 ... 39165 45348 71270	MFSK-16/20Bd	(AB)
XP2	28-3	1120	13539	Tue	09297 00116 42161 ... 39165 45348 71270	MFSK-16/20Bd	(AB)
XP2	28-3	1140	12139	Tue	09297 00116 42161 ... 39165 45348 71270	MFSK-16/20Bd	(AB)
XP2	28-3	1200	13384	Tue	00499 00167 02250 ... 56106 25090 06052	MFSK-16/20Bd	(AB)
XP2	28-3	1200	16293	Tue	00691 00283 83352 ... 21219 77814 04076	MFSK-16/20Bd	(AB)
XP2	28-3	1210	15872	Tue	00691 00283 83352 ... 21219 77814 04076	MFSK-16/20Bd	(AB)
XP2	28-3	1220	13984	Tue	00499 00167 02250 ... 56106 25090 06052	MFSK-16/20Bd	(AB)
XP2	28-3	1220	14754	Tue	00691 00283 83352 ... 21219 77814 04076	MFSK-16/20Bd	(AB)
XP2	28-3	1230	13392	Tue	00691 00283 83352 ... 21219 77814 04076	MFSK-16/20Bd	(AB)
XP2	28-3	1240	11439	Tue	00691 00283 83352 ... 21219 77814 04076	MFSK-16/20Bd	(AB)
XP2	28-3	1240	14984	Tue	00499 00167 02250 ... 56106 25090 06052	MFSK-16/20Bd	(AB)
XP2	28-3	1250	10358	Tue	00691 00283 83352 ... 21219 77814 04076	MFSK-16/20Bd	(AB)
XP2	28-3	1300	15874	Tue	00905 00294 73421 ... 17480 70666 34705	MFSK-16/20Bd	(AB)
XP2	28-3	1310	14383	Tue	00905 00294 73421 ... 17480 70666 34705	MFSK-16/20Bd	(AB)
XP2	28-3	1320	13441	Tue	00905 00294 73421 ... 17480 70666 34705	MFSK-16/20Bd	(AB)
XP2	28-3	1330	12158	Tue	00905 00294 73421 ... 17480 70666 34705	MFSK-16/20Bd	(AB)
XP2	28-3	1340	11544	Tue	00905 00294 73421 ... 17480 70666 34705	MFSK-16/20Bd	(AB)
XP2	28-3	1350	10394	Tue	00905 00294 73421 ... 17480 70666 34705	MFSK-16/20Bd	(AB)
XP2	28-3	1400	13887	Tue	00781 00288 29874 ... 74946 23776 34600	MFSK-16/20Bd	(AB)
XP2	28-3	1410	13372	Tue	00781 00288 29874 ... 74946 23776 34600	MFSK-16/20Bd	(AB)
XP2	28-3	1420	12187	Tue	00781 00288 29874 ... 74946 23776 34600	MFSK-16/20Bd	(AB)
XP2	28-3	1430	11021	Tue	00781 00288 29874 ... 74946 23776 34600	MFSK-16/20Bd	(AB)
XP2	28-3	1440	10237	Tue	00781 00288 29874 ... 74946 23776 34600	MFSK-16/20Bd	(AB)
XP2	28-3	1450	9307	Tue	00781 00288 29874 ... 74946 23776 34600	MFSK-16/20Bd	(AB)
XP2	28-3	1500	12173	Tue	00573 00277 01316 ... 32635 52102 43135	MFSK-16/20Bd	(AB)
XP2	28-3	1510	11544	Tue	00573 00277 01316 ... 32635 52102 43135	MFSK-16/20Bd	(AB)
XP2	28-3	1520	10351	Tue	00573 00277 01316 ... 32635 52102 43135	MFSK-16/20Bd	(AB)
XP2	28-3	1530	9397	Tue	00573 00277 01316 ... 32635 52102 43135	MFSK-16/20Bd	(AB)
XP2	28-3	1540	9109	Tue	00573 00277 01316 ... 32635 52102 43135	MFSK-16/20Bd	(AB)
XP2	28-3	1550	8174	Tue	00573 00277 01316 ... 32635 52102 43135	MFSK-16/20Bd	(AB)
XP2	28-3	1600	13994	Tue	00236 00285 97021 ... 37178 13499 13653	MFSK-16/20Bd	(AB)
XP2	28-3	1620	13494	Tue	00236 00285 97021 ... 37178 13499 13653	MFSK-16/20Bd	(AB)
XP2	28-3	1640	12194	Tue	00236 00285 97021 ... 37178 13499 13653	MFSK-16/20Bd	(AB)
XP2	29-3	0800	13931	Wed	09805 00124 16273 ... 48788 27130 27710	MFSK-16/20Bd	(AB)
XP2	29-3	0820	14831	Wed	09805 00124 16273 ... 48788 27130 27710	MFSK-16/20Bd	(AB)

XP2A	29-3	0840	16131	Wed	09805 00124 16273 ... 48788 27130 27710	MFSK-16/20Bd	(AB)
XP2A	29-3	0910	18333	Wed	05880 00001 00000 35265	MFSK-16/20Bd	(AB)
XP2A	29-3	0930	16345	Wed	05880 00001 00000 35265	MFSK-16/20Bd	(AB)
XP2A	29-3	0950	14838	Wed	05880 00001 00000 35265	MFSK-16/20Bd	(AB)
XP2A	29-3	1100	15861	Wed	00481 00119 53731 ... 62848 96271 22037	MFSK-16/20Bd	(AB)
XP2A	29-3	1120	14431	Wed	00481 00119 53731 ... 62848 96271 22037	MFSK-16/20Bd	(AB)
XP2A	29-3	1140	13431	Wed	00481 00119 53731 ... 62848 96271 22037	MFSK-16/20Bd	(AB)
XP2A	29-3	1200	14956	Wed	00217 00132 89511 ... 97306 51550 06675	MFSK-16/20Bd	(AB)
XP2A	29-3	1220	16356	Wed	00217 00132 89511 ... 97306 51550 06675	MFSK-16/20Bd	(AB)
XP2A	29-3	1240	17456	Wed	00217 00132 89511 ... 97306 51550 06675	MFSK-16/20Bd	(AB)
XP2A	30-3	0600	11157	Thu	09039 00115 52515 ... 70733 71004 23346	MFSK-16/20Bd	(AB)
XP2A	30-3	0620	12157	Thu	09039 00115 52515 ... 70733 71004 23346	MFSK-16/20Bd	(AB)
XP2A	30-3	0640	13557	Thu	09039 00115 52515 ... 70733 71004 23346	MFSK-16/20Bd	(AB)
XP2A	30-3	0910	16261	Thu	00284 00112 46949 ... 75081 37513 16276	MFSK-16/20Bd	(AB)
XP2A	30-3	0930	15961	Thu	00284 00112 46949 ... 75081 37513 16276	MFSK-16/20Bd	(AB)
XP2A	30-3	0950	14861	Thu	00284 00112 46949 ... 75081 37513 16276	MFSK-16/20Bd	(AB)
XP2A	30-3	1100	15861	Thu	00481 00119 53731 ... 62848 96271 22037	MFSK-16/20Bd	(AB)
XP2A	30-3	1120	14431	Thu	00481 00119 53731 ... 62848 96271 22037	MFSK-16/20Bd	(AB)
XP2A	30-3	1140	13431	Thu	00481 00119 53731 ... 62848 96271 22037	MFSK-16/20Bd	(AB)
XP2A	30-3	1600	13994	Thu	00236 00285 97021 ... 37178 13499 13653	MFSK-16/20Bd	(AB)
XP2A	30-3	1620	13494	Thu	00236 00285 97021 ... 37178 13499 13653	MFSK-16/20Bd	(AB)
XP2A	30-3	1640	12194	Thu	00236 00285 97021 ... 37178 13499 13653	MFSK-16/20Bd	(AB)
XP2A	31-3	0900	15956	Fri	03081 00001 00000 31663	MFSK-16/20Bd	(AB)
XP2A	31-3	0920	17456	Fri	03081 00001 00000 31663	MFSK-16/20Bd	(AB)
XP2A	31-3	0940	18656	Fri	03081 00001 00000 31663	MFSK-16/20Bd	(AB)
XP2A	31-3	1100	14639	Fri	09297 00116 42161 ... 39165 45348 71270	MFSK-16/20Bd	(AB)
XP2A	31-3	1120	13539	Fri	09297 00116 42161 ... 39165 45348 71270	MFSK-16/20Bd	(AB)
XP2A	31-3	1140	12139	Fri	09297 00116 42161 ... 39165 45348 71270	MFSK-16/20Bd	(AB)
XP2A	31-3	1200	14956	Fri	00217 00132 89511 ... 97306 51550 06675	MFSK-16/20Bd	(AB/MP)
XP2A	31-3	1220	16356	Fri	00217 00132 89511 ... 97306 51550 06675	MFSK-16/20Bd	(AB/MP)
XP2A	31-3	1240	17456	Fri	00217 00132 89511 ... 97306 51550 06675	MFSK-16/20Bd	(AB/MP)
XPB1	1-3	1200	14621	Wed	Russian intel.	MFSK-16	(AB/HFD)
XPB1	1-3	1210	13921	Wed	Russian intel.	MFSK-16	(AB/HFD)
XPB1	1-3	1220	13421	Wed	Russian intel.	MFSK-16	(AB/HFD)
XPB1	1-3	1230	12121	Wed	Russian intel.	MFSK-16	(AB/HFD)
XPB1	1-3	1240	11121	Wed	Russian intel.	MFSK-16	(AB/HFD)
XPB1	1-3	1250	10421	Wed	Russian intel.	MFSK-16	(AB/HFD)
XPB1	3-3	1300	20072	Fri	Russian intel.	MFSK-16	(AB)
XPB1	3-3	1310	19572	Fri	Russian intel.	MFSK-16	(AB)
XPB1	3-3	1320	18372	Fri	Russian intel.	MFSK-16	(AB)
XPB1	3-3	1330	17472	Fri	Russian intel.	MFSK-16	(AB)
XPB1	3-3	1340	16272	Fri	Russian intel.	MFSK-16	(AB)

XPB1	3-3	1350	14972	Fri	Russian intel.	MFSK-16	(AB)
XPB1	4-3	1100	18253	Sat	Russian intel.	MFSK-16	(AB/HFD)
XPB1	4-3	1110	17453	Sat	Russian intel.	MFSK-16	(AB/HFD)
XPB1	4-3	1120	15953	Sat	Russian intel.	MFSK-16	(AB/HFD)
XPB1	4-3	1130	14953	Sat	Russian intel.	MFSK-16	(AB/HFD)
XPB1	4-3	1140	14353	Sat	Russian intel.	MFSK-16	(AB/HFD)
XPB1	4-3	1150	13553	Sat	Russian intel.	MFSK-16	(AB/MPJ/HFD)
XPB1	4-3	1200	14621	Sat	Russian intel.	MFSK-16	(AB)
XPB1	4-3	1210	13921	Sat	Russian intel.	MFSK-16	(AB)
XPB1	4-3	1220	13421	Sat	Russian intel.	MFSK-16	(AB)
XPB1	4-3	1230	12121	Sat	Russian intel.	MFSK-16	(AB)
XPB1	4-3	1240	11121	Sat	Russian intel.	MFSK-16	(AB)
XPB1	4-3	1250	10421	Sat	Russian intel.	MFSK-16	(AB)
XPB1	6-3	0600	13562	Mon	Russian intel.	MFSK-16	(AB/HFD)
XPB1	6-3	0610	14362	Mon	Russian intel.	MFSK-16	(AB/HFD)
XPB1	6-3	0620	14862	Mon	Russian intel.	MFSK-16	(AB/HFD)
XPB1	6-3	0630	15962	Mon	Russian intel.	MFSK-16	(AB/HFD)
XPB1	6-3	0640	16262	Mon	Russian intel.	MFSK-16	(AB/HFD)
XPB1	6-3	0650	17462	Mon	Russian intel.	MFSK-16	(AB/HFD)
XPB1	6-3	1100	18253	Mon	Russian intel.	MFSK-16	(AB)
XPB1	6-3	1110	17453	Mon	Russian intel.	MFSK-16	(AB)
XPB1	6-3	1120	15953	Mon	Russian intel.	MFSK-16	(AB)
XPB1	6-3	1130	14953	Mon	Russian intel.	MFSK-16	(AB)
XPB1	6-3	1140	14353	Mon	Russian intel.	MFSK-16	(AB)
XPB1	6-3	1150	13553	Mon	Russian intel.	MFSK-16	(AB)
XPB1	7-3	1300	20072	Tue	Russian intel.	MFSK-16	(AB/2PI-S)
XPB1	7-3	1310	19572	Tue	Russian intel.	MFSK-16	(AB)
XPB1	7-3	1320	18372	Tue	Russian intel.	MFSK-16	(AB)
XPB1	7-3	1330	17472	Tue	Russian intel.	MFSK-16	(AB)
XPB1	7-3	1340	16272	Tue	Russian intel.	MFSK-16	(AB)
XPB1	7-3	1350	14972	Tue	Russian intel.	MFSK-16	(AB)
XPB1	8-3	1200	14621	Wed	Russian intel.	MFSK-16	(AB)
XPB1	8-3	1210	13921	Wed	Russian intel.	MFSK-16	(AB)
XPB1	8-3	1220	13421	Wed	Russian intel.	MFSK-16	(AB)
XPB1	8-3	1230	12121	Wed	Russian intel.	MFSK-16	(AB)
XPB1	8-3	1240	11121	Wed	Russian intel.	MFSK-16	(AB)
XPB1	8-3	1250	10421	Wed	Russian intel.	MFSK-16	(AB)
XPB1	10-3	1300	20072	Fri	Russian intel.	MFSK-16	(AB/RL/HFD)
XPB1	10-3	1310	19572	Fri	Russian intel.	MFSK-16	(AB/RL/HFD)
XPB1	10-3	1320	18372	Fri	Russian intel.	MFSK-16	(AB/RL/HFD)
XPB1	10-3	1330	17472	Fri	Russian intel.	MFSK-16	(AB/HFD)
XPB1	10-3	1340	16272	Fri	Russian intel.	MFSK-16	(AB/HFD)

XPB1	10-3	1350	14972	Fri	Russian intel.	MFSK-16	(AB/HFD)
XPB1	11-3	1100	18253	Sat	Russian intel.	MFSK-16	(AB)
XPB1	11-3	1110	17453	Sat	Russian intel.	MFSK-16	(AB)
XPB1	11-3	1120	15953	Sat	Russian intel.	MFSK-16	(AB)
XPB1	11-3	1130	14953	Sat	Russian intel.	MFSK-16	(AB)
XPB1	11-3	1140	14353	Sat	Russian intel.	MFSK-16	(AB)
XPB1	11-3	1150	13553	Sat	Russian intel.	MFSK-16	(AB)
XPB1	11-3	1200	14621	Sat	Russian intel.	MFSK-16	(AB)
XPB1	11-3	1210	13921	Sat	Russian intel.	MFSK-16	(AB)
XPB1	11-3	1220	13421	Sat	Russian intel.	MFSK-16	(AB)
XPB1	11-3	1230	12121	Sat	Russian intel.	MFSK-16	(AB)
XPB1	11-3	1240	11121	Sat	Russian intel.	MFSK-16	(AB)
XPB1	11-3	1250	10421	Sat	Russian intel.	MFSK-16	(AB)
XPB1	13-3	0600	13562	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13-3	0610	14362	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13-3	0620	14862	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13-3	0630	15962	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13-3	0640	16262	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13-3	0650	17462	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13-3	1100	18253	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13-3	1110	17453	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13-3	1120	15953	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13-3	1130	14953	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13-3	1140	14353	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13-3	1150	13553	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14-3	0600	13562	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14-3	0610	14362	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14-3	0620	14862	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14-3	0630	15962	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14-3	0640	16262	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14-3	0650	17462	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14-3	1300	20072	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14-3	1310	19572	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14-3	1320	18372	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14-3	1330	17472	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14-3	1340	16272	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14-3	1350	14972	Tue	Russian intel.	MFSK-16	(AB)
XPB1	15-3	1200	14621	Wed	Russian intel.	MFSK-16	(AB)
XPB1	15-3	1210	13921	Wed	Russian intel.	MFSK-16	(AB)
XPB1	15-3	1220	13421	Wed	Russian intel.	MFSK-16	(AB)
XPB1	15-3	1230	12121	Wed	Russian intel.	MFSK-16	(AB)
XPB1	15-3	1240	11121	Wed	Russian intel.	MFSK-16	(AB)

XPB1	15-3	1250	10421	Wed	Russian intel.	MFSK-16	(AB)
XPB1	17-3	1300	20072	Fri	Russian intel.	MFSK-16	(AB)
XPB1	17-3	1310	19572	Fri	Russian intel.	MFSK-16	(AB/RL)
XPB1	17-3	1320	18372	Fri	Russian intel.	MFSK-16	(AB/RL)
XPB1	17-3	1330	17472	Fri	Russian intel.	MFSK-16	(AB/RL)
XPB1	17-3	1340	16272	Fri	Russian intel.	MFSK-16	(AB)
XPB1	17-3	1350	14972	Fri	Russian intel.	MFSK-16	(AB)
XPB1	18-3	1100	18253	Sat	Russian intel.	MFSK-16	(AB)
XPB1	18-3	1110	17453	Sat	Russian intel.	MFSK-16	(AB)
XPB1	18-3	1120	15953	Sat	Russian intel.	MFSK-16	(AB)
XPB1	18-3	1130	14953	Sat	Russian intel.	MFSK-16	(AB)
XPB1	18-3	1140	14353	Sat	Russian intel.	MFSK-16	(AB)
XPB1	18-3	1150	13553	Sat	Russian intel.	MFSK-16	(AB)
XPB1	18-3	1200	14621	Sat	Russian intel.	MFSK-16	(AB)
XPB1	18-3	1210	13921	Sat	Russian intel.	MFSK-16	(AB)
XPB1	18-3	1220	13421	Sat	Russian intel.	MFSK-16	(AB)
XPB1	18-3	1230	12121	Sat	Russian intel.	MFSK-16	(AB)
XPB1	18-3	1240	11121	Sat	Russian intel.	MFSK-16	(AB)
XPB1	18-3	1250	10421	Sat	Russian intel.	MFSK-16	(AB)
XPB1	20-3	0600	13562	Mon	Russian intel.	MFSK-16	(AB)
XPB1	20-3	0610	14362	Mon	Russian intel.	MFSK-16	(AB)
XPB1	20-3	0620	14862	Mon	Russian intel.	MFSK-16	(AB)
XPB1	20-3	0630	15962	Mon	Russian intel.	MFSK-16	(AB)
XPB1	20-3	0640	16262	Mon	Russian intel.	MFSK-16	(AB)
XPB1	20-3	0650	17462	Mon	Russian intel.	MFSK-16	(AB)
XPB1	20-3	1100	18253	Mon	Russian intel.	MFSK-16	(AB)
XPB1	20-3	1110	17453	Mon	Russian intel.	MFSK-16	(AB)
XPB1	20-3	1120	15953	Mon	Russian intel.	MFSK-16	(AB)
XPB1	20-3	1130	14953	Mon	Russian intel.	MFSK-16	(AB/RL)
XPB1	20-3	1140	14353	Mon	Russian intel.	MFSK-16	(AB/RL)
XPB1	20-3	1150	13553	Mon	Russian intel.	MFSK-16	(AB/RL)
XPB1	21-3	0600	13562	Tue	Russian intel.	MFSK-16	(AB)
XPB1	21-3	0610	14362	Tue	Russian intel.	MFSK-16	(AB)
XPB1	21-3	0620	14862	Tue	Russian intel.	MFSK-16	(AB)
XPB1	21-3	0630	15962	Tue	Russian intel.	MFSK-16	(AB)
XPB1	21-3	0640	16262	Tue	Russian intel.	MFSK-16	(AB)
XPB1	21-3	0650	17462	Tue	Russian intel.	MFSK-16	(AB)
XPB1	21-3	0910	10256	Tue	Russian intel.	MFSK-16	(AB)
XPB1	21-3	0920	12158	Tue	Russian intel.	MFSK-16	(AB)
XPB1	21-3	0930	13439	Tue	Russian intel.	MFSK-16	(AB)
XPB1	21-3	0940	14712	Tue	Russian intel.	MFSK-16	(AB)
XPB1	21-3	1300	20072	Tue	Russian intel.	MFSK-16	(AB/RL)

XPB1	21-3	1310	19572	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	21-3	1320	18372	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	21-3	1330	17472	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	21-3	1340	16272	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	21-3	1350	14972	Tue	Russian intel.	MFSK-16	(AB)
XPB1	22-3	1200	14621	Wed	Russian intel.	MFSK-16	(AB)
XPB1	22-3	1210	13921	Wed	Russian intel.	MFSK-16	(AB)
XPB1	22-3	1220	13421	Wed	Russian intel.	MFSK-16	(AB)
XPB1	22-3	1230	12121	Wed	Russian intel.	MFSK-16	(AB)
XPB1	22-3	1240	11121	Wed	Russian intel.	MFSK-16	(AB)
XPB1	22-3	1250	10421	Wed	Russian intel.	MFSK-16	(AB)
XPB1	24-3	1300	20072	Fri	Russian intel.	MFSK-16	(AB)
XPB1	24-3	1310	19572	Fri	Russian intel.	MFSK-16	(AB)
XPB1	24-3	1320	18372	Fri	Russian intel.	MFSK-16	(AB)
XPB1	24-3	1330	17472	Fri	Russian intel.	MFSK-16	(AB)
XPB1	24-3	1340	16272	Fri	Russian intel.	MFSK-16	(AB)
XPB1	24-3	1350	14972	Fri	Russian intel.	MFSK-16	(AB)
XPB1	25-3	1100	18253	Sat	Russian intel.	MFSK-16	(AB)
XPB1	25-3	1110	17453	Sat	Russian intel.	MFSK-16	(AB)
XPB1	25-3	1120	15953	Sat	Russian intel.	MFSK-16	(AB)
XPB1	25-3	1130	14953	Sat	Russian intel.	MFSK-16	(AB)
XPB1	25-3	1140	14353	Sat	Russian intel.	MFSK-16	(AB)
XPB1	25-3	1150	13553	Sat	Russian intel.	MFSK-16	(AB)
XPB1	25-3	1200	14621	Sat	Russian intel.	MFSK-16	(AB)
XPB1	25-3	1210	13921	Sat	Russian intel.	MFSK-16	(AB)
XPB1	25-3	1220	13421	Sat	Russian intel.	MFSK-16	(AB)
XPB1	25-3	1230	12121	Sat	Russian intel.	MFSK-16	(AB)
XPB1	25-3	1240	11121	Sat	Russian intel.	MFSK-16	(AB)
XPB1	25-3	1250	10421	Sat	Russian intel.	MFSK-16	(AB)
XPB1	27-3	0600	13562	Mon	Russian intel.	MFSK-16	(AB)
XPB1	27-3	0610	14362	Mon	Russian intel.	MFSK-16	(AB)
XPB1	27-3	0620	14862	Mon	Russian intel.	MFSK-16	(AB)
XPB1	27-3	0630	15962	Mon	Russian intel.	MFSK-16	(AB)
XPB1	27-3	0640	16262	Mon	Russian intel.	MFSK-16	(AB)
XPB1	27-3	0650	17462	Mon	Russian intel.	MFSK-16	(AB)
XPB1	27-3	1100	18253	Mon	Russian intel.	MFSK-16	(AB)
XPB1	27-3	1110	17453	Mon	Russian intel.	MFSK-16	(AB)
XPB1	27-3	1120	15953	Mon	Russian intel.	MFSK-16	(AB)
XPB1	27-3	1130	14953	Mon	Russian intel.	MFSK-16	(AB)
XPB1	27-3	1140	14353	Mon	Russian intel.	MFSK-16	(AB)
XPB1	27-3	1150	13553	Mon	Russian intel.	MFSK-16	(AB)
XPB1	28-3	0600	13562	Tue	Russian intel.	MFSK-16	(AB)

XPB1	28-3	0610	14362	Tue	Russian intel.		MFSK-16	(AB)
XPB1	28-3	0620	14862	Tue	Russian intel.		MFSK-16	(AB)
XPB1	28-3	0630	15962	Tue	Russian intel.		MFSK-16	(AB)
XPB1	28-3	0640	16262	Tue	Russian intel.		MFSK-16	(AB)
XPB1	28-3	0650	17462	Tue	Russian intel.		MFSK-16	(AB)
XPB1	28-3	1300	20072	Tue	Russian intel.		MFSK-16	(AB)
XPB1	28-3	1310	19572	Tue	Russian intel.		MFSK-16	(AB)
XPB1	28-3	1320	18372	Tue	Russian intel.		MFSK-16	(AB)
XPB1	28-3	1330	17472	Tue	Russian intel.		MFSK-16	(AB)
XPB1	28-3	1340	16272	Tue	Russian intel.		MFSK-16	(AB)
XPB1	28-3	1350	14972	Tue	Russian intel.		MFSK-16	(AB)
XPB1	29-3	1200	14621	Wed	Russian intel.		MFSK-16	(AB)
XPB1	29-3	1210	13921	Wed	Russian intel.		MFSK-16	(AB)
XPB1	29-3	1220	13421	Wed	Russian intel.		MFSK-16	(AB)
XPB1	29-3	1230	12121	Wed	Russian intel.		MFSK-16	(AB)
XPB1	29-3	1240	11121	Wed	Russian intel.		MFSK-16	(AB)
XPB1	29-3	1250	10421	Wed	Russian intel.		MFSK-16	(AB)
XPB1	31-3	1300	20072	Fri	Russian intel.		MFSK-16	(AB)
XPB1	31-3	1310	19572	Fri	Russian intel.		MFSK-16	(AB)
XPB1	31-3	1320	18372	Fri	Russian intel.		MFSK-16	(AB)
XPB1	31-3	1330	17472	Fri	Russian intel.		MFSK-16	(AB)
XPB1	31-3	1340	16272	Fri	Russian intel.		MFSK-16	(AB)
XPB1	31-3	1350	14972	Fri	Russian intel.		MFSK-16	(AB)

CONTRIBUTORS

2PI-FIN	2PI via remote rx Finland	HFD	Hans-Friedrich Dumrese, Germany
2PI-G	2PI via remote rx UK	HFD-J	Hans-Friedrich Dumrese via remote rx Japan
2PI-HOL	2PI via remote rx Netherlands	HFD-RUS	Hans-Friedrich Dumrese via remote rx Russia
2PI-ROU	2PI via remote rx Romania	HFD-USA	Hans-Friedrich Dumrese via remote rx USA
2PI-RUS	2PI via remote rx Russia	HK	Hiroyuki Komatsubara, Japan
2PI-S	2PI via remote rx Sweden	JPL	JPL, NB, Canada (and various remote rx)
2PI-USA	2PI via remote rx USA	JPL-J	JPL via remote rx Japan
AB	Ary Boender, Netherlands	linkz	Linkz, S.E. France
AB-AUT	Ary Boender via remote rx Austria	Moon	Moonlight (Dave AU)
AB-D	Ary Boender via remote rx Germany	MPJ	Jim, SW England
AB-FIN	Ary Boender via remote rx Finland	MPJ-AUT	Jim via remote rx Austria
AB-GRC	Ary Boender via remote rx Greece	MPJ-FIN	Jim via remote rx Finland
AB-HK	Ary Boender via remote rx Hong Kong	MPJ-HNG	Jim via remote rx Hungary
AB-HNG	Ary Boender via remote rx Hungary	MPJ-HOL	Jim via remote rx Netherlands
AB-J	Ary Boender via remote rx Japan	MPJ-POL	Jim via remote rx Poland
AB-KOR	Ary Boender via remote rx South Korea	Pof	Pofistal_975 via Priyom
AB-KWT	Ary Boender via remote rx Kuwait	Priyom	Priyom.org
AB-POL	Ary Boender via remote rx Poland	PY	Pierre Ynard, France and via remote rx
AB-ROU	Ary Boender via remote rx Romania	qsr711	QSR711
AB-RUS	Ary Boender via remote rx Russia	RL	Roberto Landolpho, Brazil
AB-TWN	Ary Boender via remote rx Taiwan	RO	Rando One, Sweden
AB-USA	Ary Boender via remote rx USA	RR2	Rich Ray, IL, USA
Anon	Anonymous	RXR	Romeo X-Ray 39
BR	Brian Rogers, UK	Subilo	Subilo
Dan	Daniel LU5EMM, Argentina	T101	RadiotehnikaT101 via Priyom
DW-MD	Dave Wright, MD, USA	Token	TI, CA, USA
F1GOC	Michel Soldevila, France	WN	William Neelin
FD	Full Day Waterfall, University Twente SDR	XAH	Xaver Andreas Hellmeier, Germany

APPENDIX

Designators of active stations

Prefixes

E	English language
F	FSK (Frequency Shift Keying) modes
G	German language
HM	Hybrid modes
M(C)	Morse code (Chinese)
P	PSK modes. QPSK (Quadrature Phase Shift Keying) and BPSK (Binary Phase-Shift keying) modes
Q	4+4 QPSK mode
S	Slavic languages
SK	Various modes used by Cuba, incl. (B)PSK, WinDRM
UM(C)	Unid Morse station (Chinese)
V	Voice broadcasts in other languages
VC	Voice Chinese
XP	MFSK (polytone) modes

Voice stations

Code	Language	Origin	Related stations
E06	English	Russia	G06, G06b, S06, S06b, S06c, M14, F01, F06, F06a
E07	English	Russia	E07a, V07, M12, XPA1, XPA2, XPB1, F07, P07
E07a	English	Russia	E07, V07, M12, XPA1, XPA2, XPB1, F07, P07
E11	English	Poland	E11a, S11a, F03, P03
E11a	English	Poland	E11, S11a, F03, P03
E17z	English	Ukraine	S06s
E25	English	Egypt	E25a
E25a	English	Egypt	E25
G06	German	Russia	E06, G06b, S06, S06b, S06c, M14
G06b	German	Russia	E06, G06, S06, S06b, S06c, M14
S06	Russian	Russia	E06, G06, G06b, S06b, S06c, M14
S06b	Russian	Russia	E06, G06, G06b, S06, S06c, M14
S06c	Russian	Russian	E06, G06, G06b, S06, S06b, M14
S06s	Russian	Ukraine	E17z
S11a	Russian	Poland	E11, E11a, F03, P03
S25	Russian	Russia	
V06	Russian	Russia	
V07	Spanish	Russia	E07, M12, XPA1, XPA2, XPB1
V13	Mandarin	Taiwan	
V15	Korean	North Korea	
V24	Korean	South Korea	
V26	Chinese	China	M95, Q26
V28	Korean	North Korea	
VC01	Chinese	China	VC03, MC03
VC03	Chinese	China	VC01, MC03

Morse stations

Code	Mode	Origin	Related stations
M01	Morse	Russia	M01a
M01a	Morse	Russia	M01
M12	Morse	Russia	E07, V07, XPA1, XPA2, XPB1, P07, V07
M14	Morse	Russia	E06, G06, G06b, S06, S06b, S06c, F01, F06, F06a
M21	Morse	Russia	M41
M22	Morse	Israel	
M23	Morse	France	
M41	Morse	Russia	M21
M51a	Morse	France	M51b
M51b	Morse	France	M51a
M89	Morse	China	
M95	Morse	China	V26, Q26
MC03	Morse	China	VC01, VC03
UM03	Morse	China	
UM04	Morse	Bulgaria	PROMRCh daily schedule
UM10	Morse	?	

Digital stations

Code	Mode	Origin	Related stations
F01	FSK	Russia	E06, G06, S06, S06b, S06c, M14, F06, F06a
F02	MFSK-4/150Bd/4000Hz	Russia	
F03	2FSK, 4FSK	Poland	E11, E11a, S11a, P03
F06	FSK	Russia	E06, G06, S06, S06b, S06c, M14, F01, F06a
F06a	FSK	Russia	E06, G06, S06, S06b, S06c, M14, F01, F06
F07	5xMFSK-16/10Bd/20Hz+250Bd BPSK bursts	Russia	E07, V07, M12, XPA2, XPB1, P07
HM01	Voice + RDFT or WinDRM	Cuba	
M42	Various modes	Russia	
P03	BPSK, QPSK	Poland	E11, E11a, S11a, F03
P07	8xQSPK/62.5Bd/125Hz+250Bd BPSK bursts	Russia	E07, V07, M12, XPA2, XPB1, F07
Q26	4+4 QPSK	China	V26, M95
SK01	Various	Cuba	
X06	MFSK-6	Russia	X06a, X06b, X06c, X06d
X06a	MFSK-6	Russia	X06a, X06b, X06c, X06d
X06b	MFSK-6	Russia	X06a, X06b, X06c, X06d
X06c	MFSK-6	Russia	X06a, X06b, X06c, X06d
X06d	CW	Russia	X06a, X06b, X06c, X06d
XPA	MFSK-20	Russia	E07, V07, M12, XPA2, XPB1, F07, P07
XPA2	MFSK-16	Russia	E07, V07, M12, XPA1, XPB1, F07, P07
XPB1	MFSK-16	Russia	E07, V07, M12, XPA1, XPA2, F07, P07

Figures and words used by the various numbers stations

Cut numbers

Chinese cut numbers
(M89, M95, MC03, etc)

A	U	3	4	5	6	7	D	N	T
1	2	3	4	5	6	7	8	9	0

M08a cut numbers

A	N	D	U	W	R	I	G	M	T
1	2	3	4	5	6	7	8	9	0

Q26 conversion

F	J	B	P	G	U	Y	M	C	W
0	1	2	3	4	5	6	7	8	9

Word	E11a	S11a	M03
Attention	Attention	Vnimanye	
Slash /	Oblique	Cirta	— . . — .
Out	Out	Konets	

Note: M03 and M08a are defunct.

Figure	English	French	German	Mandarin	Spanish	Russian	Arabic
0	Zero	Zero	Null	Ling	Cero	Null	Sifr
1	One	Un	Eins	Yi	Uno	Odín	Wahid
2	Two	Deux	Zwei	Er	Dos	Dva	Itmien
3	Three	Trois	Drei	San	Tres	Tri	Talata
4	Four	Quatre	Vier	Si	Cuatro	Chety're	Arba`a
5	Five	Cinq	Fünf	Wu	Cinco	Pyat'	Xamsa
6	Six	Six	Sechs	Liu	Seis	Shest'	Sitta
7	Seven	Sept	Sieben	Qi	Siete	Sem'	Sab`a
8	Eight	Huit	Acht	Ba	Ocho	Vósem'	Tamanya
9	Nine	Neuf	Neun	Jiu	Nueve	Dévyat'	Tiss`a

Figure	Morse	Vietnamese	E17z	S11a	G06	E11
0	-----	Số không	Zero	Nul	Null	Zero
1	.-----	Một	Van	Adinka	Eins	One
2	..-----	Hai	To	Dwojka	Twso	Two
3	...-----	Ba	Fwee	Trojka	Drei	Three
4	-----	Bô'n	Fo	Cienciorka	Vier	Four
5		Năm	Fav	Pietiorika	Funuf	Fiver
6	-----.	Sáu	Six	Szest	Sechs	Six
7	-----..	Ba y	Seven	Siem	Sieben	Seven
8	-----...	Tám	Eight	Wosiem	Acht	Eight
9	-----..	Chín	Nine	Diewiet	Neugen	Niner
=	-----					
/	-----.					

Morse characters

A	. -	1	.-----	Full stop (period)	[.]	.-.-.-.-
B	-....	2	..-----	Comma	[,]	---.-.-
C	-.-.-.	3	...-----	Colon	[:]	---...-
D	-...-	4	-----	Question mark	[?]	..-.-..
E	. -	5		Exclamation mark	[!]	-.-.-.-
F	..-.-.	6	-.....	Apostrophe	[']	.-.-.-.-
G	--.	7	--.....	Dash or Hyphen	[-]	-.....-
H		8	---...	Slash	[/]	-..-.-
I	..	9	-----.	Left-hand bracket	[(]	-.-.-.-
J	.-----	0	-----	Right-hand bracket	[)]	-.---.-
K	-.-.			Quotation marks	[" "]	.-.-.-.-
L	.-.-.-			Equals sign	[BT =]	-....-
M	--	Accented letters		Understood		...-.-
N	-. -	Ä	.-.-.-	Plus sign	[+]	.-.-.-.
O	---	Á	.-.-.-	Invitation to transmit		-.-.-
P	.-.-.-	CH	-----	Wait	[AS]	.-....
Q	---.-	É	..-.-.	End of Transmission	[SK, VA]	...-.-.-
R	.-.-.	Ö	---.-	End of message	[AR]	.-.-.-.
S	...	Ü	..-.-	Starting signal		-.---.-
T	-			Multiplication sign	[×]	-...-
U	..-.-			At sign	[@]	.-.-.-.-
V	...-.-			Break	[BK]	---.-.-.-
W	.-.-			Ampersand	[&]	.-....
X	-. -.-					
Y	-. -.-					
Z	---..					

See also

<http://udxf.nl/Morse-document.pdf>

<http://udxf.nl/Russian.pdf>

E11 family digital transmission modes.

Most modes are very much the same and have only very small differences.

FSK transmissions

F03	Undefined FSK
F03a	FSK-2 100Bd/200Hz cf + 600Hz
F03b	FSK-2 200Bd/400Hz
F03c	FSK-2 400Bd/960Hz/cf +1120Hz/448-bit period
F03d	FSK-2 200Bd/400Hz/cf +600Hz/448-bit period
F03f	FSK-2 400Bd/800Hz/cf +1200Hz/496-bit period
F03i	FSK-2 100Bd/800Hz/cf +1200Hz/488-bit period
F03j	FSK-4 100Bd/400Hz/cf +1200Hz/448-bit period
F03k	FSK-2 400Bd/800Hz/cf +1200Hz/448-bit period
F03l	FSK-2 100Bd/200Hz/cf +700Hz/448-bit period
F11	FSK 100Bd/620Hz and FSK 100Bd/740Hz

PSK transmissions

P03	Undefined PSK
P03a	BPSK 62.5Bd
P03b	QPSK 62.5Bd
P03c	BPSK 125Bd
P03d	QPSK 125Bd/448-bit period
P03e	QPSK 100Bd/488-bit period
P03f	QPSK 200Bd/496-bit period
P03g	BPSK 50Bd/464-bit period
P03h	BPSK 100Bd/512-bit period
P03i	BPSK 62.5Bd/464-bit period
P03j	QPSK 100Bd/504-bit period
P03k	BPSK 100Bd/480-bit period
P03l	QPSK 100Bd/464-bit period

Notes:

- Bit Period is the time needed to transmit one bit
- N&O uses designator POL for Polish digital modes without a designator
- Defunct modes F03a, F03b, F11, P03a, P03b, P03c

COLOPHON

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076 27364 92636 89428 61288 74982 36998 92764 81276 81
86 48932 70987 32123 49817 26346 81287 65491 87364 81
721 75654 55656 12737 72727 72727 91918 63473 67867 74
223 87629 37677 32612 53498 71296 28756 18276 98716 87
269 76329 74698 76857 98670 27601 56781 57681 73648 18
091 87364 87265 96710 27630 12673 84769 28743 98127 5
0 63298 75698 27405 87326 49876 28376 81273 98615 48
67 87432 74328 78674 29867 32867 67867 86786 43296 48
57 68768 68763 34234 34238 68768 62342 48273 48768 234
36 98432 32432 86743 43286 43286 43286 43286 43286 43
743 86743 86743 39867 32867 86743 43286 43286 43243 86
743 86743 86743 86743 86743 86743 86743 86743 86743 4
393 98798 98754 98754 98754 98754 29867 67543 67986 86
76 87698 69876 87698 69876 87612 12341 34867 86798 68
857 43298 65656 56754 56123 32143 14321 32143 14321 87
0 32867 63242 26581 58765 76587 58765 76587 58765 76

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Numbers Sheet Name	Numbers Table Name	Excel Worksheet Name
1st message	FIRST MESSAGE sent in automatic morse 5 figure traffic using long zeros RRRRR WWWWW DDDDD. Uses X's to break to 3 figure traffic counting back from the X's Always ends NNNNN BT	1st message - FIRST MESSAGE sen
2nd & subsequent messages	Break down of 2nd and subsequent messages. Starts with highest message number and then decreases. Traffic in blue is from Ary/UDXF	2nd & subsequent messages - Bre
Last Message	Last message is always the same. Breaks to 2 figure if remove 1999	Last Message - Last message is

GROUP NR broken to 3 fig.	23 Feb		26 Feb		03 March		10 March		11 March		12 March		12 March		13 March		14 March		15 March		16 March		17 March		18 March		19 March		20 March		21 March		21 March		22 March		23 March		QNR & SDR cuts out																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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[illegible]

Last message is always the same. Breaks to 2 figure if remove 1999

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